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McDonnell Douglas Missile Systems Company
St. Louis, Missouri 63166

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13 ABSTRACT (Maximum 200 words)

Technology Insertion (TI)/Industrial Process Improvement (IPI) Data Base Documentation Book Volume, for OC-ALC/MATPCC (Electromechanical Unit). This document contains detailed information about layouts equipment and processes for this RCC.

14. SUBJECT TERMS MAINTENANCE, TECHNOLOGY INSERTION, ELECTROMECHANICAL, MATPCC, EQUIPMENT, DATABASE, AFLC, AF

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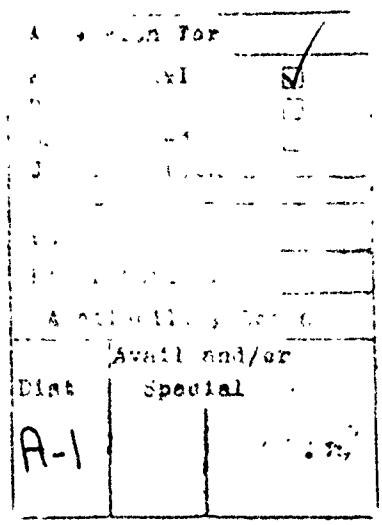
TECHNOLOGY INSERTION-ENGINEERING SERVICES
PROCESS CHARACTERIZATION
TASK ORDER NO. 1
(BLOCK II)

DATABASE DOCUMENTATION BOOK

OC-ALC

MATPCC



CONTRACT SUMMARY REPORT
11 SEPTEMBER 1989

CONTRACT NO. F33600-88-D-0567
CDRL SEQUENCE NO. B008

MCDONNELL DOUGLAS
McDonnell Douglas Missile Systems Company
St. Louis, Missouri 63166-0516 (314) 232-0232

1.0 IDENTIFICATION OF RCC

RCC MATPCE has been identified by the SOW of Contract F33600-88-D-0567 for Process Characterization.

6.1 ~~USU~~ ASSESSMENT

The MATPCC floorspace is crowded but sufficient for the work performed. The actuator repair area has several more work stations than currently needed. A large amount of work-in-process (as much as two weeks worth of work) is stored in racks, awaiting repair. The small size of the parts, however, keeps this from being a serious floorspace problem.

The lighting is dim, but most workstations are equipped with individual flourescent lights which allieviate the problem at that station. The bulk of the equipment and fixtures are painted a drab gray or tan. The whole place could use a new coat of paint.

All material handling within the RCC is by hand carry or the use of push carts. There are no conveyors or powered moving equipment. Pick-up of completed parts is performed daily by material handling personnel who pick the parts off tables located on the outside aisles.

Supplies and seldom-used test equipment are stored on racks and shelves scattered around the area. The arrangement appears haphazard but the operators report no problems. The generally high level of seniority among the operators means that everyone knows where everything is kept.

Individual
Operators have a great deal of control over their processes. They pick the parts from the shelves, and perform all the required repair actions with a minimum of supervision. When parts must be sent to another RCC, the operators carry their parts to the other location without scheduling or logging the parts out of MATPCC. Each operator remembers what parts he/she has in other areas. No reciepts are issued and part ownership/accountability is questionable. Inspection/QC responsibilities rest with the operator who performs the repair work.

The tools and test equipment used are generally old but well-maintained and serviable. Supervisors report very few outages on the test stands. Equipment is calibrated by the ALC PME program but supervisors express some dissatisfaction with the under quality of the calibration on some test stands. One servo assembly which is repaired and calibrated in MATPCC frequently fails when installed in the next higher assembly in another RCC. These situations appear to be very rare however, as the number of MATPCC repaired items which are rejected by other RCCs (or field units) is extremely low.

A significant problem reported by virtually every operator is the number of unserviceable new parts they receive from supply. MATPCC does no receiving inspection and an unserviceable part is not found until an operator uses it in a repair operation. The paperwork required to reject a part and the lead time to obtain a replacement part are such that operators frequently repair/rework bad items rather than reject them. There is currently a large "hidden factory" repairing vendor parts in MATPCC. The RCCs management is aware of the problem but not its extent. The workforce has been doing this for so long that they do not see it as a problem. The workforce has developed several excellent procedures for repairing items that should be replaced. (According to Tech order SIMR codes) to avoid the problem of bad replacements. This willingness to accept poor quality from a supplier appears to be a serious problem throughout the ALC and is addressed elsewhere as a recommendation for a focus study. If the recipients of parts repaired by MATPCC are following the general principle of reworking poor quality rather than rejecting it, there may be quality problems within MATPCC that have not been identified.

The overall appearance of the MATPCC ~~operation~~ organization is of an operation running in well-worn grooves. The workers and supervisors have all been here for many years, with little change in processes or equipment. Most procedures are undocumented (or the documentation is obsolete) because everyone has so much experience that they don't feel they need to use/maintain written procedures. Very little attention is paid to gathering reliable data on processes, quality, productivity, etc. which makes improvements difficult to develop or justify. The morale of the workers appears high and most people (supervisory and non-supervisory) report that they think the RCC is doing a good job. Operators take real pride in their work and are keenly aware that they have final responsibility for the quality of their products.

2.0 GENERAL INFORMATION

MATPCC IS A RESOURCE CONTROL CENTER WITHIN THE ACCESSORIES DIVISION AT OC-ALC. MATPCC IS LOCATED IN BLDG 3001. THE PRIMARY WORKLOAD IS MISTR, CONSISTING OF ELECTRO-MECHANICAL UNITS SUCH AS ACTUATORS, FUEL FLOW TRANSMITTERS, CLUTCH PACTS, TORQUE MOTORS, CABLE & HARNESS ASSEMBLIES.

THE WORKLOAD HAS VARIED IN THE PAST TWO OR THREE YEARS. UP TO 15% OF THE work force MANPOWER HAS BEEN LOANED OUT ~~part of the time or some~~ TO ANOTHER REC AT SOME TIME.

DATA DOCUMENTATION BOOK

2.1 FACILITY LAYOUT DRAWINGS

The layout drawings do not reflect the current layout of MATPCC. The layout will be changed again in three months as the RCC restructures its organization to accept additional personnel and KC-135 cable workload. Up-to-date drawings were not provided to MDMSC. The layouts provided by the ALC are included in the Database Documentation Book.

2.2 EQUIPMENT

MATPCC's equipment consists primarily of test stands and other testing instruments. Most of them have been in use for 15 to 25 years, but they are still reliable. The first MATPCC test stands in Building 3108 used to test fuel flow transmitters are scheduled for replacement by two new test stands. The operator stated that the new equipment will be safer and more efficient. Readouts will be digital, eliminating judgement calls by operators reading analog gages. It will be simpler to install the parts on the test stands and to adapt the test stands to the different part configurations. Additional safety features will be included as well. The painting, sandblasting, and magnetic particle/fluorescent penetrant processes are conducted as back shop operations outside of MATPCC. A listing of equipment for MATPCC can be found in the Data Collection section of the book.

2.3 WORK FORCE

The work force in MATPCC has experienced a 15% variance over the last two years due to fluctuations in workload. Excess personnel are loaned to other areas. The new harness workload planned for September 1989 will require 50 to 60 additional operators. The new work will be organized to allow the use of personnel with lower skill levels. An effort is being made to design some of these positions to allow them to be filled by handicapped workers.

Ref 2.3

The 1989 work force consists of one unit chief, four supervisors and the following:

Skill Code	Skill Level	Quantity	Yrs of Avg. Exp.
AY	WG-10	5	15 to 25
	WG-09	11	12 to 25
BY	WG-10	9	15 to 25
	WG-09	3	12 to 25
	WG-08	4	8 to 15
	WG-06	1	5 yrs.
CT	WG-09	15	12 to 25
DY	WG-10	4	15 to 25
	WG-09	8	12 to 25
	WG-07	3	8 to 15

The operators have been actively involved in the Air Force suggestion programs and show a strong desire to improve the quality and productivity of their work. One operator suggestion saved a quarter of a million dollars. No overtime was worked in 1988.

#2.3

8

DATE : 13-Mar-89
FILE : OCRATE

FY 89
OC-ALC
RCC RATES

RCC	DIRECT LABOR	DIRECT MAT'L	OTHER DIRECT	OVHD IND MAT'L	OVHD OTHER	G & A	TOTAL	TOTAL LESS DIR MAT'L
MABPAB	19.36	14.61	0.00	3.24	11.01	5.34	56.16	41.55
MABPFF	19.65	3.46	0.00	1.67	9.05	5.34	39.17	35.71
MAEPSS	16.79	0.00	0.00	2.92	11.11	5.19	36.01	36.01
MATPAA	17.40	58.69	0.00	1.33	11.81	5.19	94.42	35.73
MATPAB	18.08	122.09	0.00	2.34	13.19	5.19	160.89	38.80
MATPAT	19.71	0.00	0.00	1.23	16.55	5.19	42.68	42.68
MATPCA	18.17	39.11	0.00	2.94	14.53	5.19	79.94	40.83
MATPCB	16.96	81.85	0.00	1.87	14.59	5.19	120.46	38.61
MATPCC	17.87	49.10	0.00	1.29	9.92	5.19	83.36	34.26
MATPCD	17.86	45.43	0.00	1.60	15.75	5.19	85.83	40.40
MATPCM	17.16	0.00	0.00	1.19	13.51	5.19	37.05	37.05
MATPFA	18.33	11.92	0.00	1.36	13.92	5.19	50.72	38.80
MATPFE	18.31	12.21	0.00	1.27	11.85	5.19	48.83	36.62
MATPFF	18.42	19.74	0.00	1.26	18.44	5.19	63.05	43.31
MATPHA	18.78	53.16	0.00	1.84	13.35	5.19	92.32	39.16
MATPHB	18.69	100.30	0.00	1.84	12.65	5.19	138.67	38.37
MATPHE	17.51	0.00	0.00	1.84	13.38	5.19	37.92	37.92
MATPIA	18.13	35.55	0.00	2.61	14.99	5.19	76.47	40.92
MATPIM	18.90	5.79	0.00	3.08	16.15	5.19	49.11	43.32
MATPIN	21.17	1.30	0.00	2.44	23.07	5.19	53.17	51.87
MATPIW	19.28	39.66	0.00	3.47	14.19	5.19	81.99	42.13

2.4 REPAIR PROCESS TECHNOLOGIES

The repair process in MATPCC is relatively unsophisticated. The units are disassembled, repaired, and reassembled using hand tools. Meters, gages, and test equipment are available and required for successfully repairing the units, but the operator must be able to translate the readings into repair or adjustment techniques. Operator knowledge is the most important ingredient in the RCC's process as WCDs are frequently obsolete or difficult to interpret.

In the fuel flow transmitter subshop, the operators repair their units one at a time. The part is pretested on the bench to get some idea of the problem, then disassembled to the extent to which the operator judges. The parts are cleaned by hand and repaired or replaced depending on the condition of the part and the technical order. Specified parts must be replaced, not repaired. The level flow transmission contains a motor and syncro unit.

Work in actuator and servo shops is similarly tested, disassembled, and cleaned, but most units also involve electrical switches in addition to electric motors and other mechanical parts.

The electrical subshop repairs cables and electrical instruments. They also build cables and harnesses.

2.5 WORKLOAD VOLUME AND MIX

Workload consists of 75% MISTR, 15% routed, and 10% temporary and manufacturing. MISTR items are received from both routing and supply. Routed items are parts removed from engines, aircraft, etc. which are routed directly to the required RCC, without passing through supply. These are repaired as MISTR, then returned to the originating RCC.

MATPCC has received a four year contract for 275,000 hours to make harnesses for KC-135 rewire. This will generate the need for 55 additional operators, more space, and a new layout. The % of workload per subunit is:

Electrical equipment	4.4%
Servo	19.1%
Fuel flow	36.0%
Actuator	40.3%

2.6 MATERIAL HANDLING

All material handling within MATPCC is by hand carry or push cart. There is no powered material handling equipment in the RCC. The parts handled are all small and require no special handling or packaging. Completed work is collected from pickup tables by material handlers. All other part movement in and out of the RCC is hand carried by RCC operators. The single most common material handling tool in the RCC is a WG-10 mechanic. This appears to reflect a general condition within the entire ALC and is discussed elsewhere in a focus study recommendation.

Outside the RCC area, units are picked up and delivered to the "barn" on a cart. This occurs every second week. The round trip distance is 880 feet. Parts are delivered and picked up daily at the paint shop on a cart. The round trip distance is 720 feet.

2.7 STORAGE

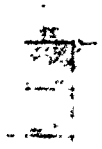
Parts come from supply and are stored in the "barn"[1], a building 300 yards away from the RCC production area. Every two weeks each subunit sends one or two operators to the barn to uncrate and bring their units back to the shop, this takes about two hours. The units are placed on twelve 18" x 36" x 6' shelves in their subshop with the paper work, ready for operators to work.

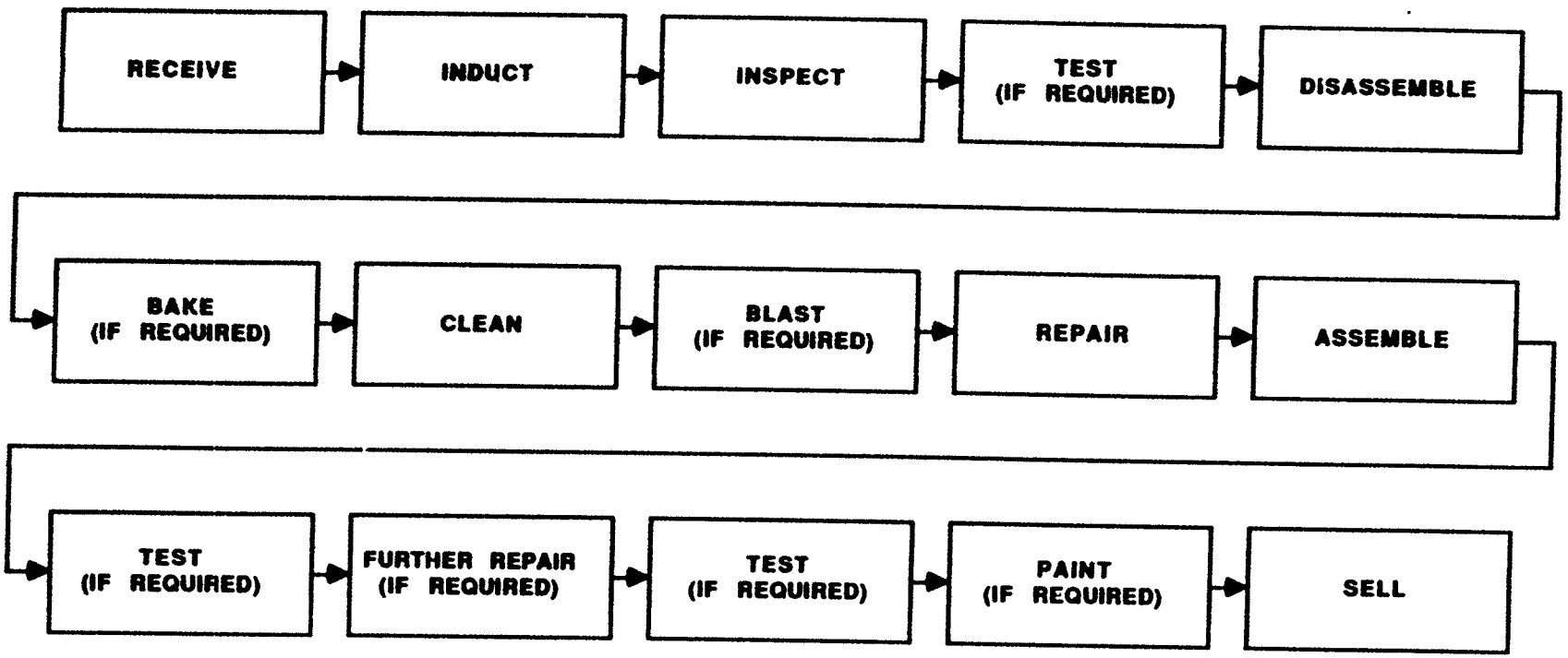
Routed units are delivered to the correct subshop, then put on shelves. Upon completion, units are placed on out going shelves.

Storage is not a problem because of the small size of the units. Each subshop has a set of shelves. More could be added if required.

[1] The "barn" is shared by several units. The MATPCC share of 2800 sq. ft. is approximately 467 sq. ft. Each unit uses whatever is available. There are 145 cabinets and shelves 18" x 36" x 6' on line for parts and tool storage.

2.8 Process Flow Charts

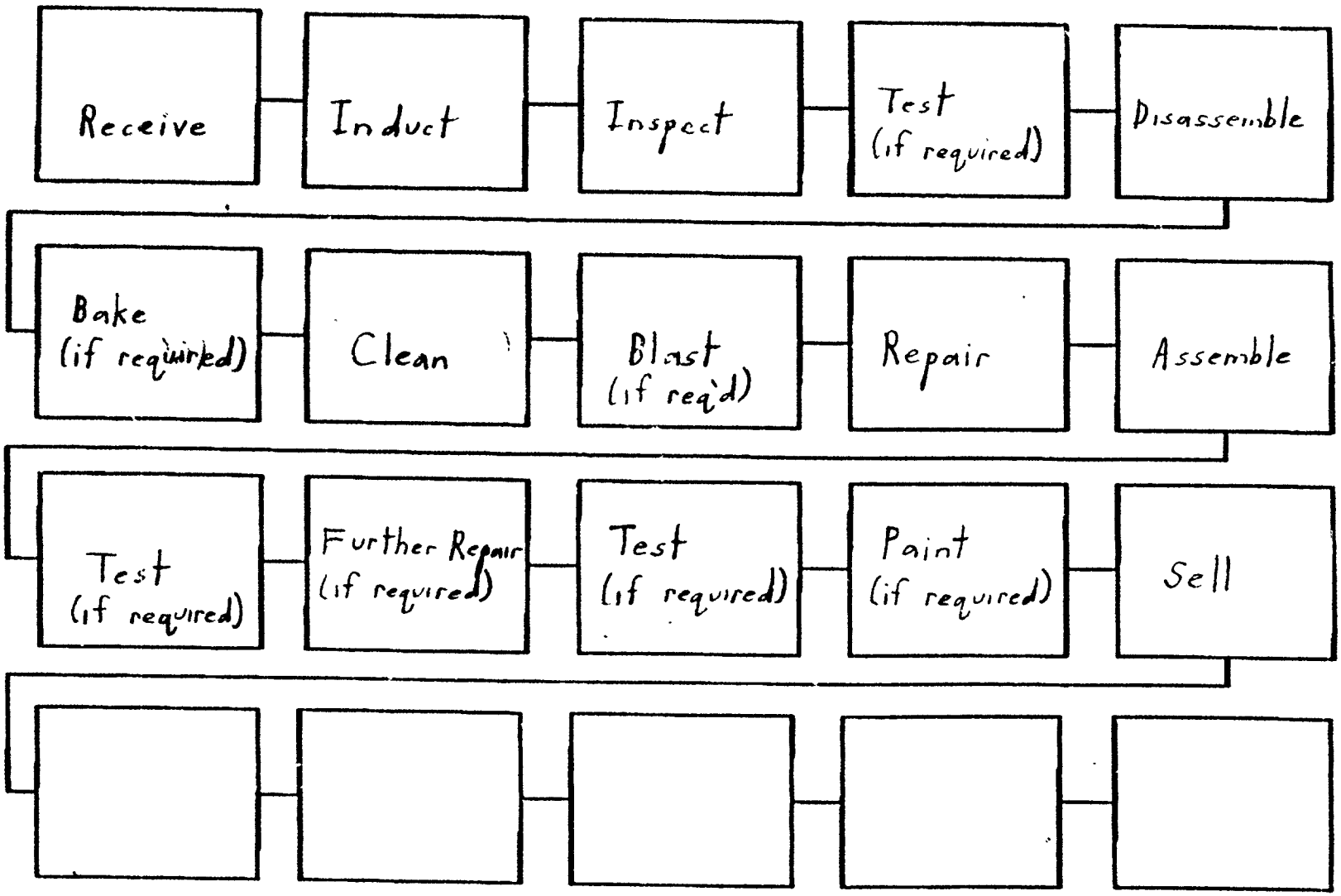




OC-ALC MATPCC PROCESS FLOW
FIGURE

LSC-20247

Generic Flow for MATPCC



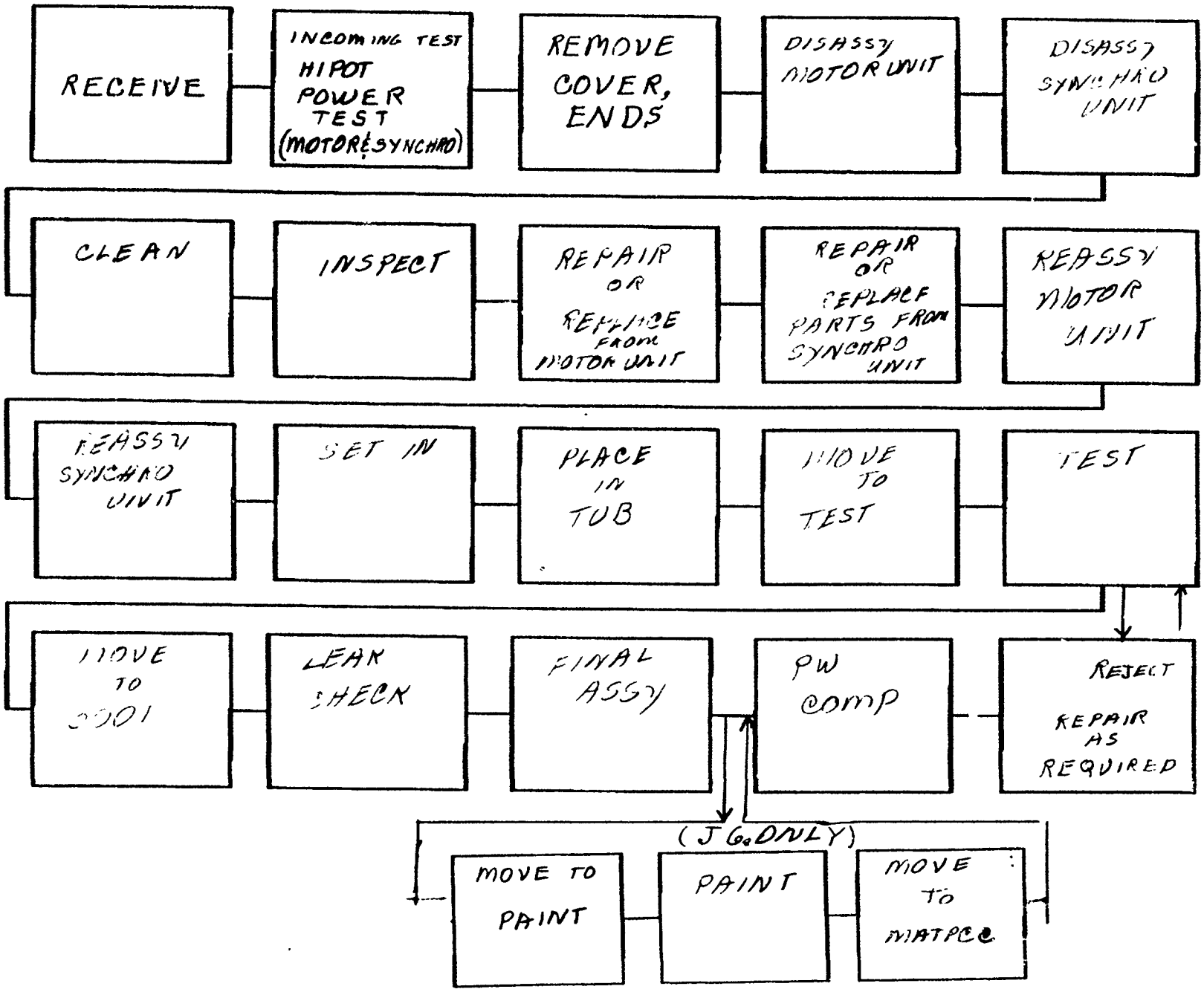
10241

45387A
48451A

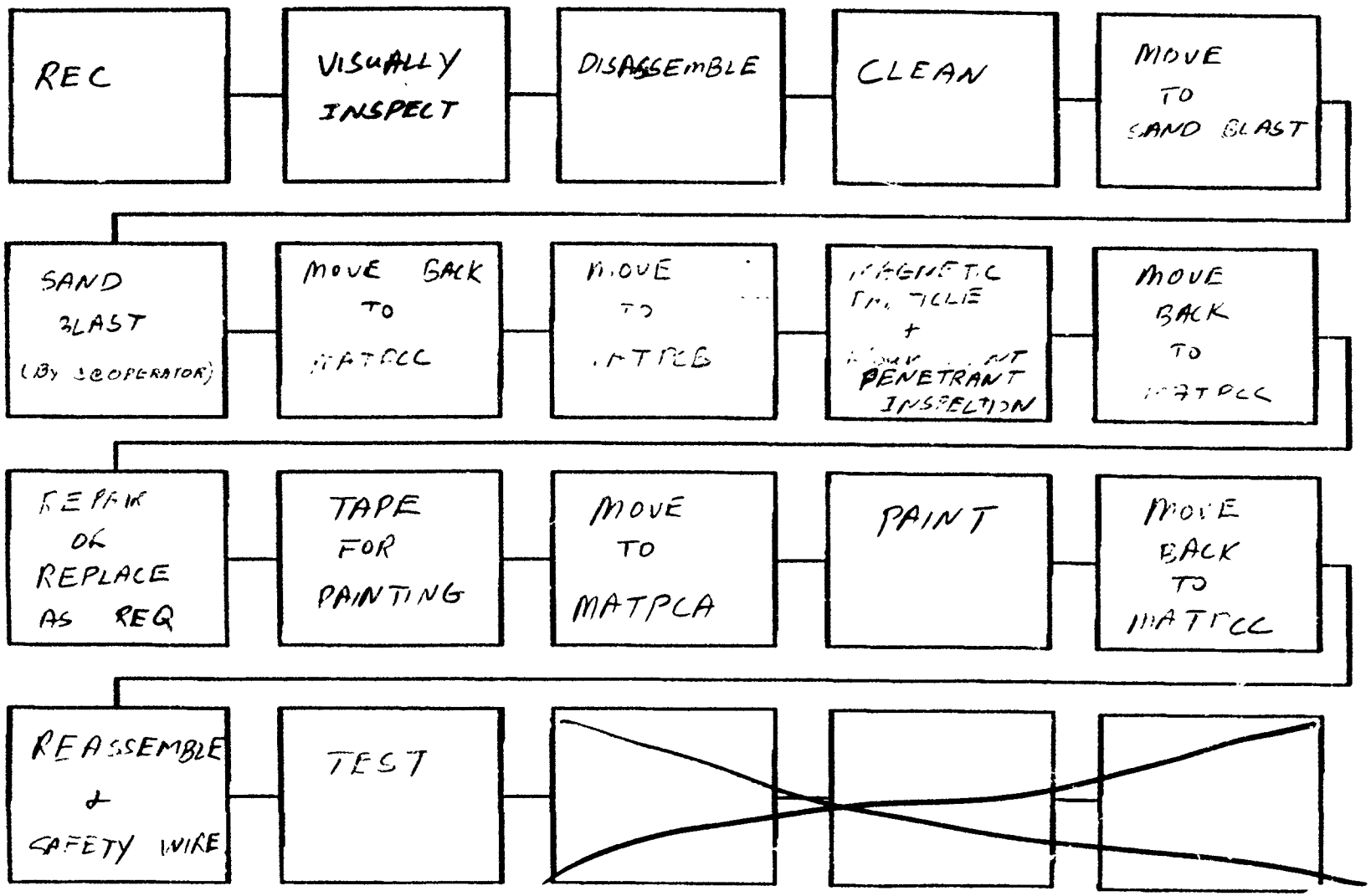
FUEL FLOW TRANSMITTER

S. ER GULS
BLACK GULS
J G S

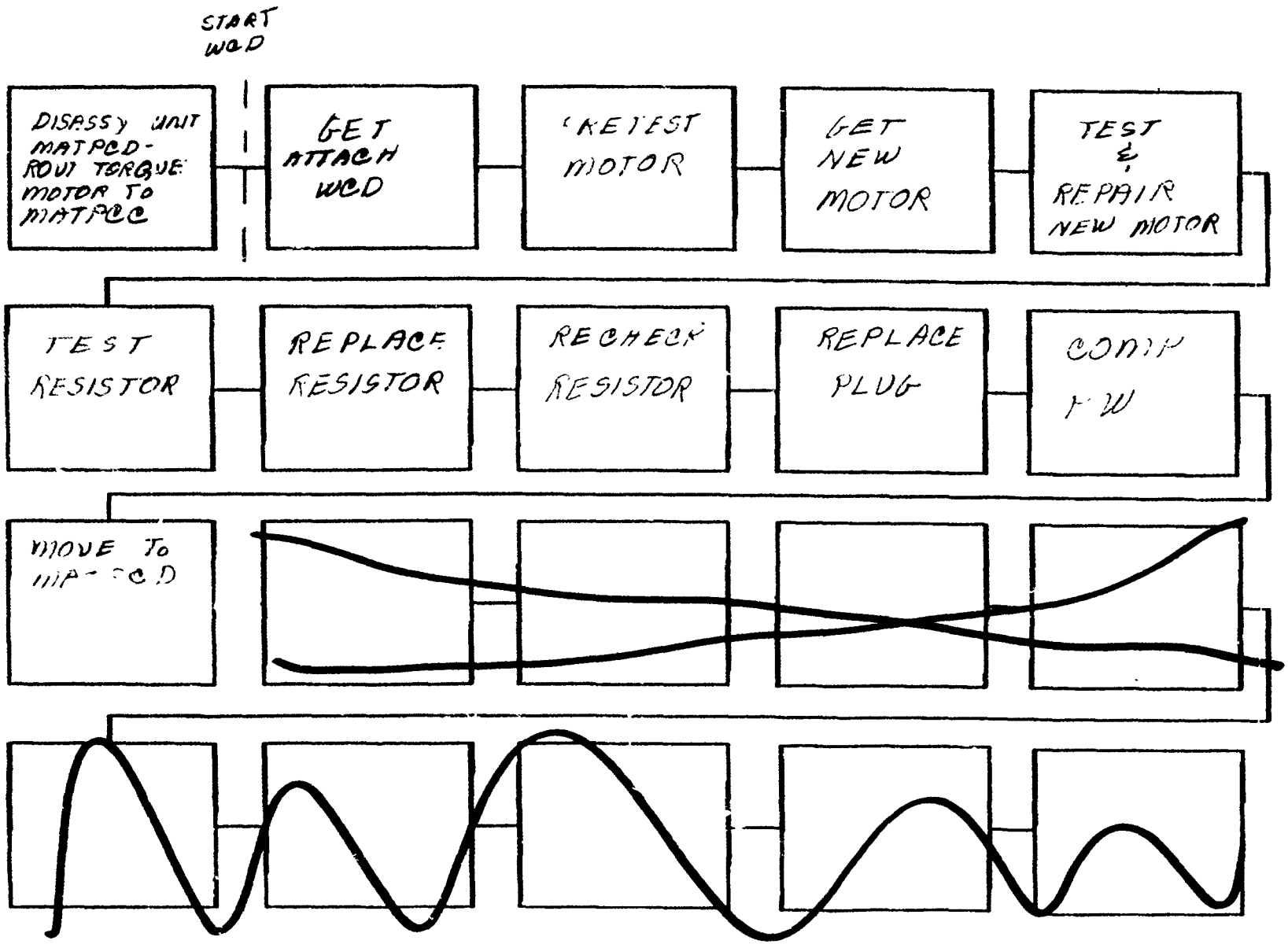
FUEL FLOW TRANSMITTER



QUADRANT ASSY - CABLE P/N 34510A

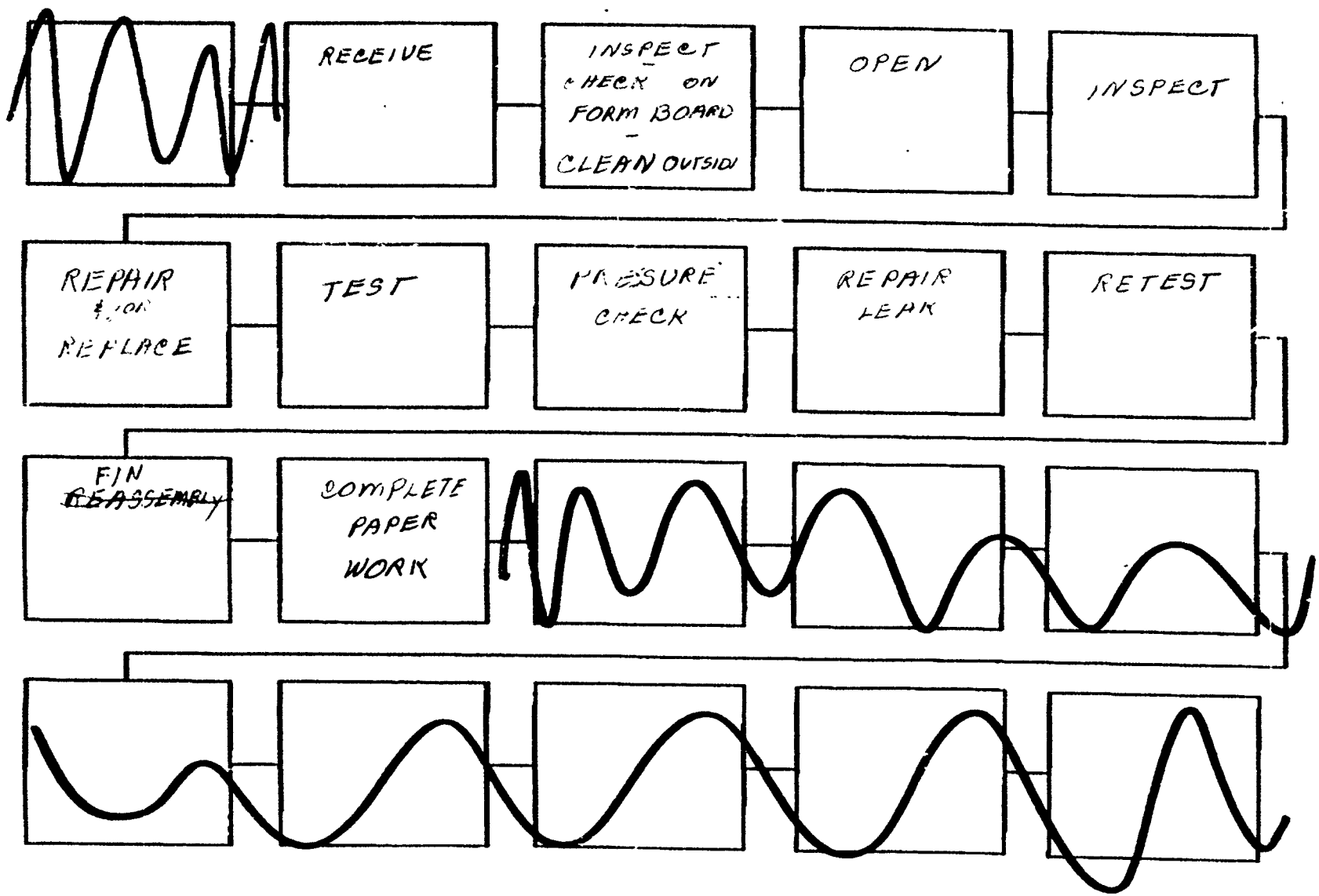


TORQUE MOTOR



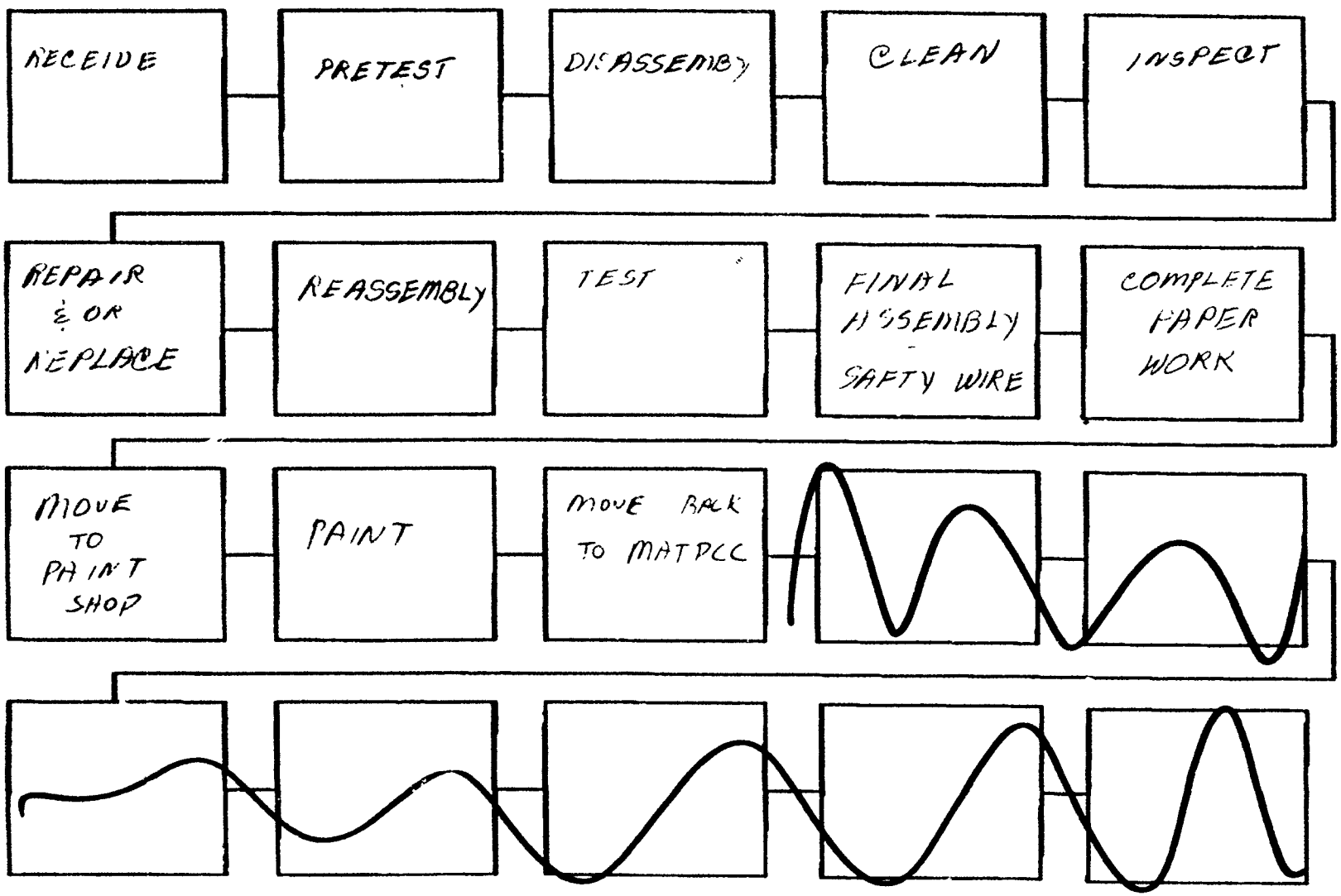
34055

CABLE ASSY. - PEC PURP

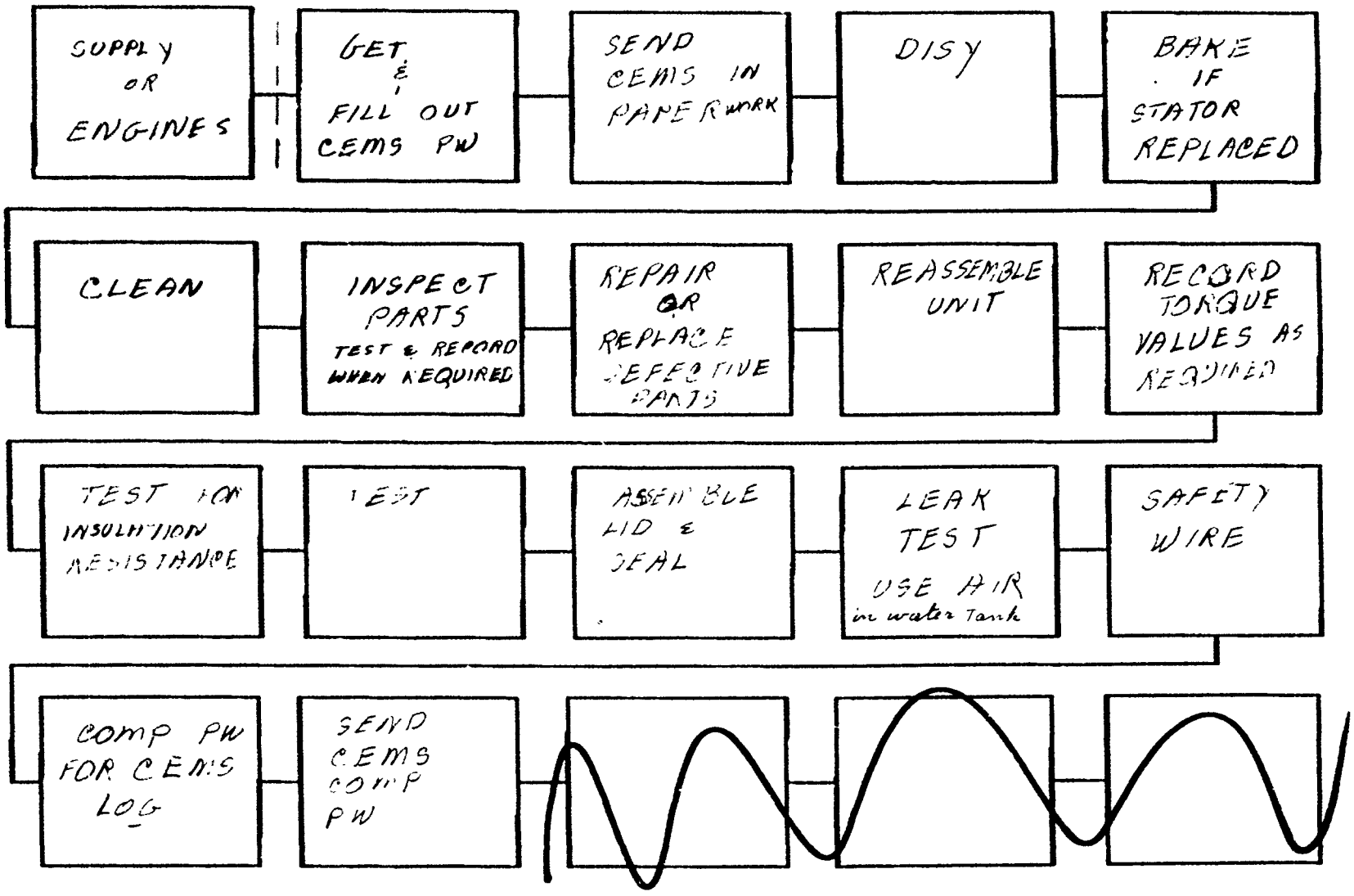


SERVO Unit

37730

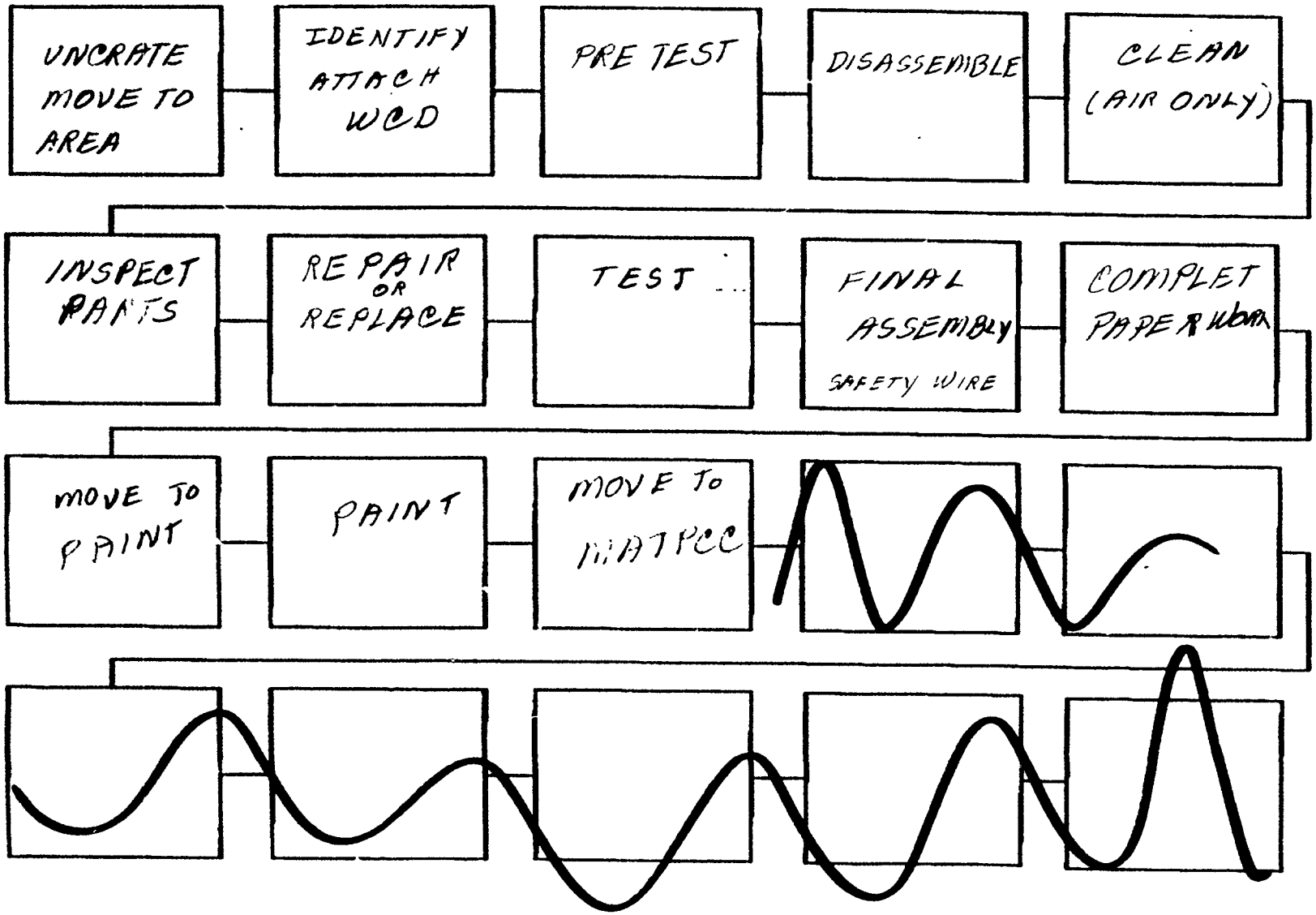


MAGNETO POWER SUPPLY 3-1105



3970
3509

SERVO ASSEMBLY



Painter

ELECTRONIC VERTICAL ROTARY ACTUATOR

p/n 75333
75332
75331

WCD START

ACTUATORS REMOVED FROM VALVES IN 210 & MOVED TO CC

REC
WCD ATTACHED PLACED ON SHELF

GET
BENCH TEST
REMOVE SAFTY WIRE

DSY
FILTER, MOTOR SWITCH, GEARS, PULL BEARINGS

CLEAN

INSPECT

REPAIR / REPLACE

REASSEMBLY

PW
READY FOR TEST

TEST

MOVE TO OPERATOR

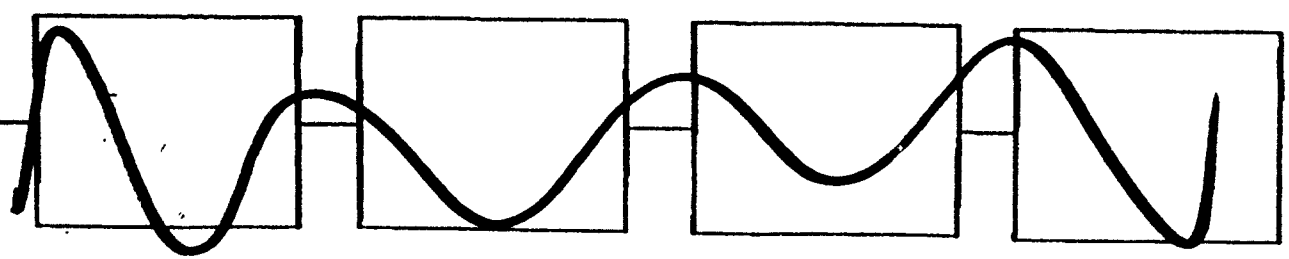
SAFTY WIRE ASSY LID COMP SAFTY WIRE

PW
COMP

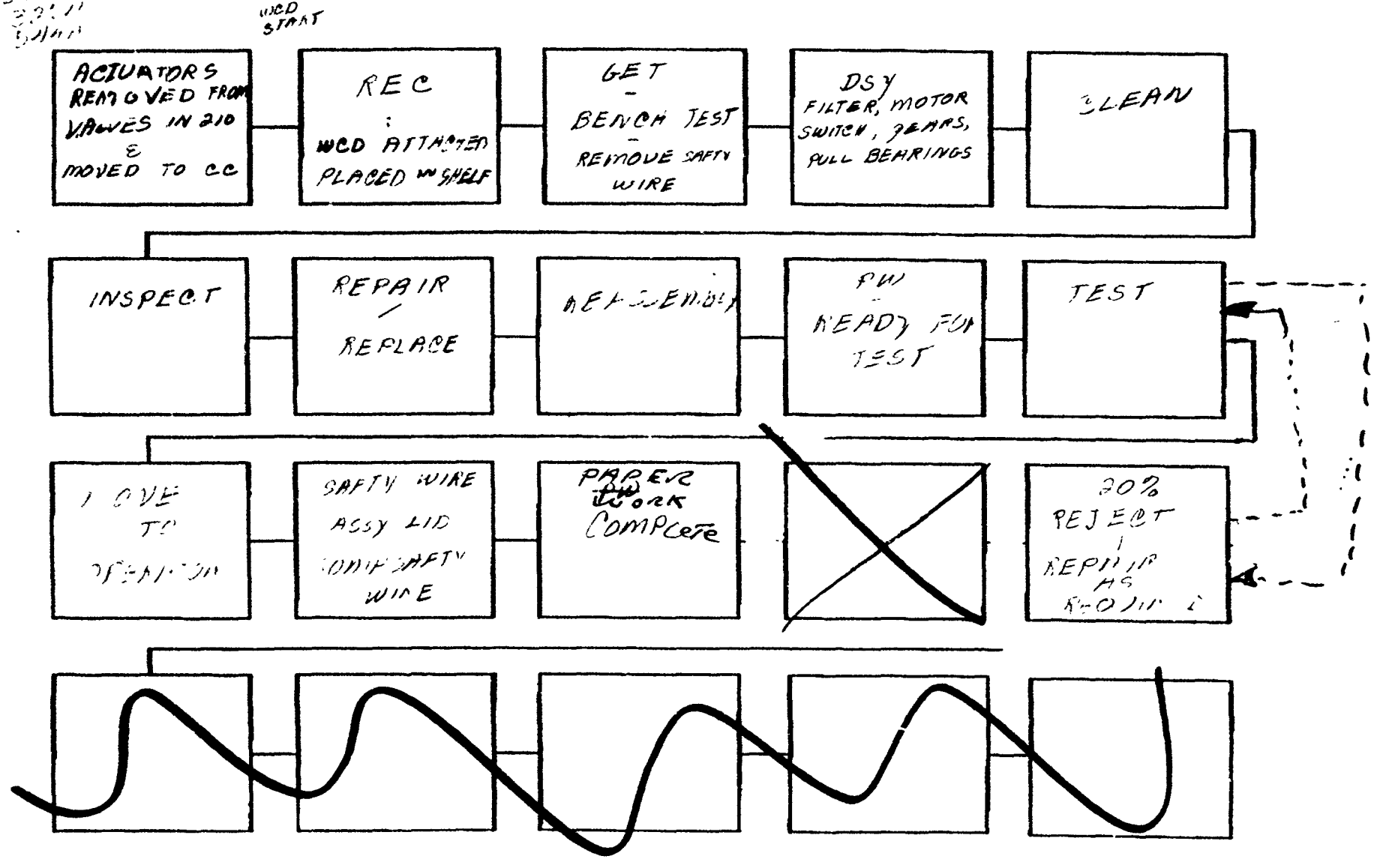
MOVE TO [illegible]

20%
REJECT
REPAIR AS REQUIRED

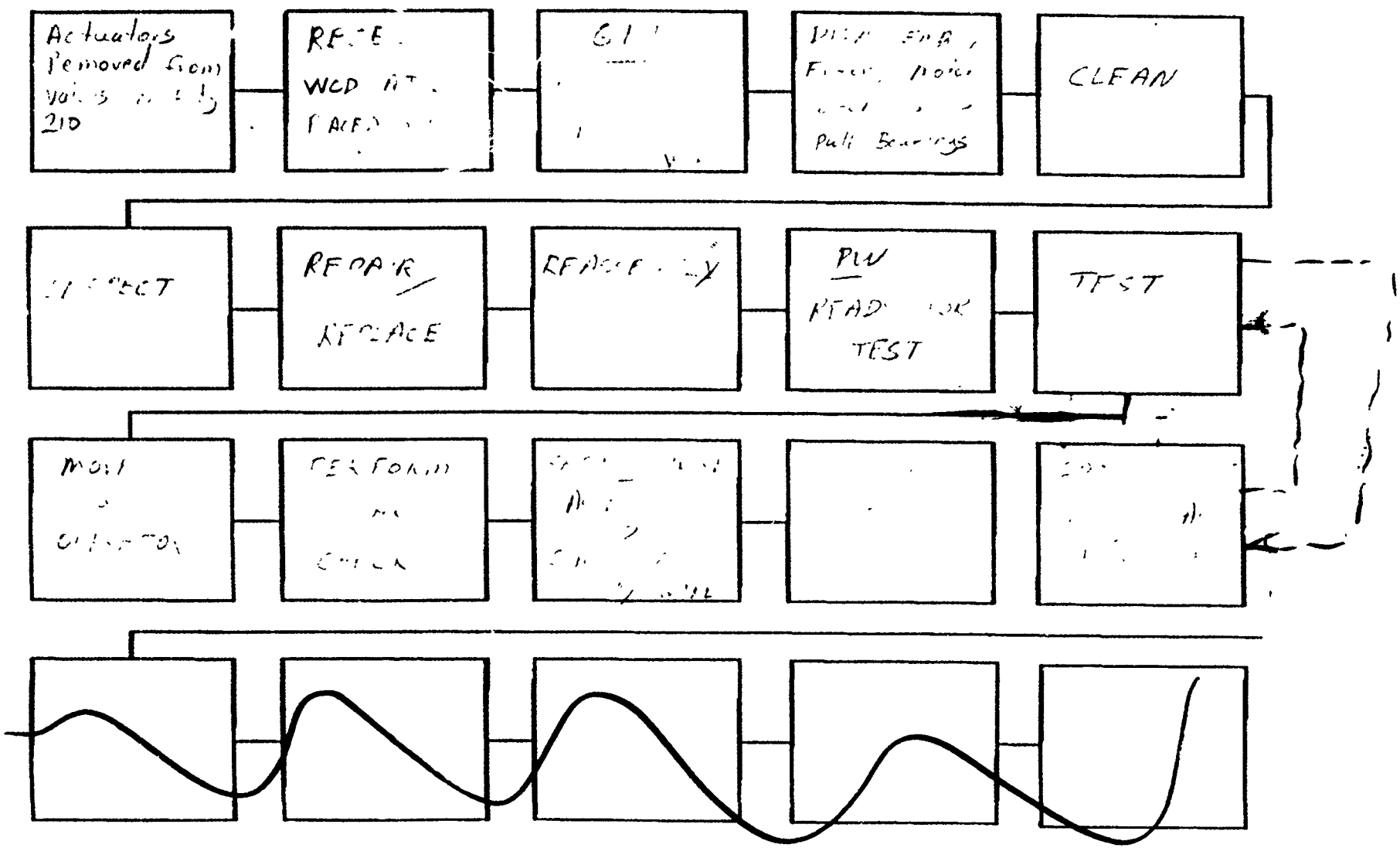
MOVE CART TO MAINTPCC



ELECTROMECHANICAL ROTARY ACTUATON



W95058A



3.0 80/20 WORKLOAD ANALYSIS

The 80/20 workload was developed using data from the OC-ALC report listing the total negotiated workload for MATPCC. Note: PCNs 94201A, 94227A have been corrected to PCNs 34327A, 34522A. These units carried the PCN of the value when the actuator had a PCN different from the valve. Forty-one PCNs that have been profiled, account for 80% of the total labor hours expended in MATPCC.

3.1 VALIDATION OF 80/20 ANALYSIS

- The total number of units scheduled multiplied by the standard for each PCN on the 80/20 list equals 49,048 hours.

- The total number of actual completions multiplied by the standard equals 50,508 hours.

- 49,049 hours compared to 50,508 hours studied, validates the fact that we studied 80% of the workload for MATPCC.

49,049	hours required by 80/20 analysis
50,058	studied
102%	of requirement

3.1 (14) Comp [illegible]

67%

BEGINLIST C1,C20,C24,C32,C16,C55,C532,(C55*C532), OB HIGH (C55*C532) WH C501 EQ

	FCC#	PROD-NR	END ITEM ID	NOUN	WPN-SYS-APP	FLOW-D	FY OUT REQ		COR FY STD LAB HR
	**								
		34514A 43	4810004756572RV	RVTKNJOW	TF33+7P	9	568	3226	5.71
	*	42087A 68	6620009879076 X	TRANSRTF	C0141ZA000	8	341	3025	8.87
		34810A 80	6615008700279JH	CLUTCH H	C141	14	434	25454	17.6
	*	45362A 57	6620008344265 X	TRANSM	C0005Z000	8	287	2371	8.26
		61207A 65	6620010201722 X	TRANMITR	F316A	8	327	1991	6.8
	*	39706A 50	6615010079130LH	SERVO	000C0005	10	121	2229	18.36
		35076A 50	1680008670344NT	SERVOACT	C0141FP860	8	219	1993	9.1
1	*	34512A 69	4810002942506RV	RVTKNJOW	TF333511A	8	333	1828	5.49
		27619A 86	1660002434682	VALVE	C130	8	420	1879	4.28
	*	37730A 50	6615006038498	SERVO DR	C0130UE4	8	234	1818	7.77
		1638?A 70	6620007303223 X	TRANSMIT	C0130ZC0000	8	341	1706	4.9
	*	49582A 50	6620010872354 X	TRANSMIR	F015	8	246	1643	6.66
2	*	95104A 63	4810009626490TP	VALVE	C135	13	312	1591	5.14
	*	48451A 60	6620006212902 X	XMITTER	B52	8	301	1493	4.96
		95032A 106	4810007960266TP	VALVE	C130	14	531	1487	2.8
(1)	*	94227A 43	2995007551362RV	RVTKGJOW	TF3335911A MTPA98	8	216	1231	5.71
		61264A 50	6620010344639 X	XMITTER	F15	7	170	1136	6.68
3	*	95131A 50	4810007961672TP	VALVE	C141	7	250	1058	4.23
(1)		94201A 50	2995009914163RV	RVTKGJOW	TF33 MTPA98	8	194	1051	5.41
	*	95015A 54	4810005293584TP	VALVE AV	C130	14	272	938	3.45
		61824A 51	4810006293481RV	RVTGNJOG	JST CON	8	264	899	3.41
		48563A 50	6620005155206 X	FF XMTR	F04Z0000	8	120	834	6.95
		98088A 50	4810000658471TP	VALVE	C130	14	158	821	5.3
		39602A 50	1660004620363	ACTUATOR	C5	8	96	812	8.46
		35097A 50	6615008670430	SERVOACT	C0141FP860	8	89	794	8.92
		40371A 50	6620007306368 X	XMITR FF	F111	8 39568.8	114	785	6.89
		10561A 50	6620000586225 X	FF XMTR	F04Z0000	8	107	744	6.95
	*	34549A 50	2925007805502PQ	PQTCRJOR	TF30379	13	141	705	5.00
		34103A 60	2925006202496EN	ENTLGKON	TF41A1	8	105	690	6.57
CD	*	38666A 60	2915007022471PL	PLTBAKOK	J79-15	16	183	628	3.43
4	*	95108A 50	4810007961680TP	VALVE	C141	7	136 607 NBE NOT REQ		4.46
CD	*	38664A 50	2915009366394PL	PLTBAKOK	J79-17	16	154	584	3.79
		95330A 50	1660000893553	VALVE	F4	14 43242.5	186	521	2.8
2	*	95188A 50	4810005550700TP	VALVE	C135	13	100	484	4.84
1	*	34327A 50	4810004389890RV	RVTKNJOW	TF33+7P	9	81	480	5.71
DY	*	30011A 50	1650007573862	TRANSMIS	C141 MTPH98 (2631	14	208	478	2.30
4	*	95086A 50	4810004424412TP	VALVE	C5	13	115 460	NDI	1.00
	*	95038A 50	4810006825374TP	VALVE	C130	14	114	459	4.03
		95133A 50	4810004866293TP	VALVE	C6	13	48	432	9.31
HW	*	95111A 50	1660001360476	VALVE	C5	13	44	409	9.31
		64132A 50	4810006727791TP	REGULATO	C130	14 44	45	399	1.2
	*	94226A	4820000110360RV	RVTKGJUW	TF33-7-100	80% 8 46002.99	67		5.71
		30277A	2915012406643PQ	PQTCJIOR	TF30P103	50	121	A9048	2.06
	*	95011A	4810008255218TP	VALVE	B52	100% 14 57504	69		5.04
		25332A	4810000892550TP	VALVE	F10	14	120		2.86
	*	30033A	1650009303160	TRANSMIS	C141	12	288		1.08
		34522A	4810006095147RV	RVTKNJOW	TF3335114	9	55		5.42
		95101A	4810001142144TP	VALVE	C5A	8	32		9.31
		34568A	2915009223785PQ	CARRIE	TF30				
		67A	2925009391473RV	Housings Assy	TF33-7				

* Motorrich Rotary ACT

3.1 MATPCC

WANTED

Needed MDI...3

Page 1/2

			#	HISTORY	To Pull To Punch	Ready To Punch
	36	30011A				
	42	34055A	CCEY40	54		
	29	34103A	CCE211	34		
	43	34257A	CCEC06	44		
*	33	34327A	CCEC62	39		
	3	34510A	CCAY29	52		
	8	34512A	CCEC61	65		
*	1	34544A	CCEC63	108		
	28	34549A	CCEY03	50		
	7	35096A	CCAY28	51		
	25	35097A	CCAY13,20	50		
*	9	37649A	CCA124	84		
	10	37730A	CCA126	51		
	32	38664A	CCEM14	4	26	2
	30	38666A	CCEM14	~~46~~ 2	14	2
	24	39602A	CCAE15	50		
	6	39706A	CCAE18	49		
	2	42089A			—	50
	4	45362A			—	50
	11	45387A			30	
	26	48371A			—	50
	14	48451A			—	50
	27	48561A			—	50
	22	48563A			—	50
	12	49582A			—	50
*	41	61132A	CCA101	50		
	5	61207A			—	50
	17	61264A				50
*	19	94201A (34529A)	~~CCEC62~~ CCEC66	30	30	31
	16	94227A (34327A)	?	?	30	31
	20	95015A	CCAY27	56		
*	38	95038A	CCA111	50		
	15	95052A	CCA113	107		
	18	95131A		31	30	31
	34	95188A		31	30	31

*

3.1

MATPCC

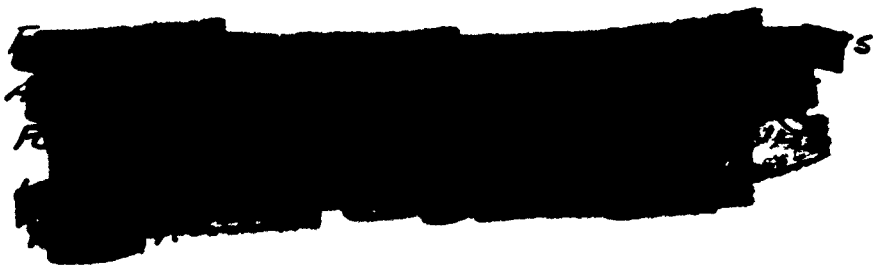
Need to pull for History

*	23	95058 A		CCA115	54	
	32	95086 A		CCAE13	51	
	13	95104 A	DELETE	CCAV09	52	
				CCAV10		
*	31	95108 A		CCAY25	46	
	40	95111 A		CCAE03	53	
	~~18~~	~~95131 A~~				30 moved to Pg 1
	39	95133 A		CCAE11	36	
~~*~~	~~34~~	~~95188 A~~		~~CCAW13~~	~~30~~	~~30~~
*	33	95333 A		CCAA06	49	
	24	96521 A		CCE405	51	

4.0 DATA COLLECTION

A TOTAL OF NINE PROFILE DATA SHEET WERE UTILIZED IN THE DATA GATHERING PROCESS. THESE SHEETS ARE:

OPERATION PROFILE
EQUIPMENT PROFILE
MANPOWER PROFILE
MANPOWER FACTOR PROFILE
DISASSEMBLY/ASSEMBLY PROFILE
IN-DATE PROFILE
OUT-DATE PROFILE
ENVELOPE PROFILE
WORK LOAD PROFILE



4.1 DATA COLLECTION PROCESS

EACH PCN ON THE 80/20 LIST WAS LISTED ON THE RESPECTIVE PROFILE SHEETS PRIOR TO GATHERING THE DATA.

IN ADDITION, THE TYPE OF TEST BY OPERATION WAS EXTRACTED FROM THE WCD(S) AND NOTED IN THE COMMENTS COLUMN ALONG WITH THE AIRCRAFT NO.

THE UNIT SUPERVISOR - D. McDANIEL WAS CONSULTED AS TO WHICH TEST PERSONNEL WERE MOST FAMILIAR WITH SPECIFIC PCN(S)

THE SELECTED MECHANIC WAS INTERVIEWED IN DETAIL AS TO THE SEQUENCE OF OPERATIONS, OCCURENCE FACTOR, NO. OF OPERATORS, THE PROCESS HRS. INCLUDING MIN - MEAN - MAX TIMES. AND ITEM FLOW AND HANDLING.

THEIR WERE NO TRIANGULATION INSTANCES.

ADDITIONAL NOTES WERE PUT ON THE PROFILE SHEETS CONCERNING THE CORRELATION OF CELL NO.(S) TO OC. NO(S), AIRCRAFT NO, SET UP FREQUENCY ETC.

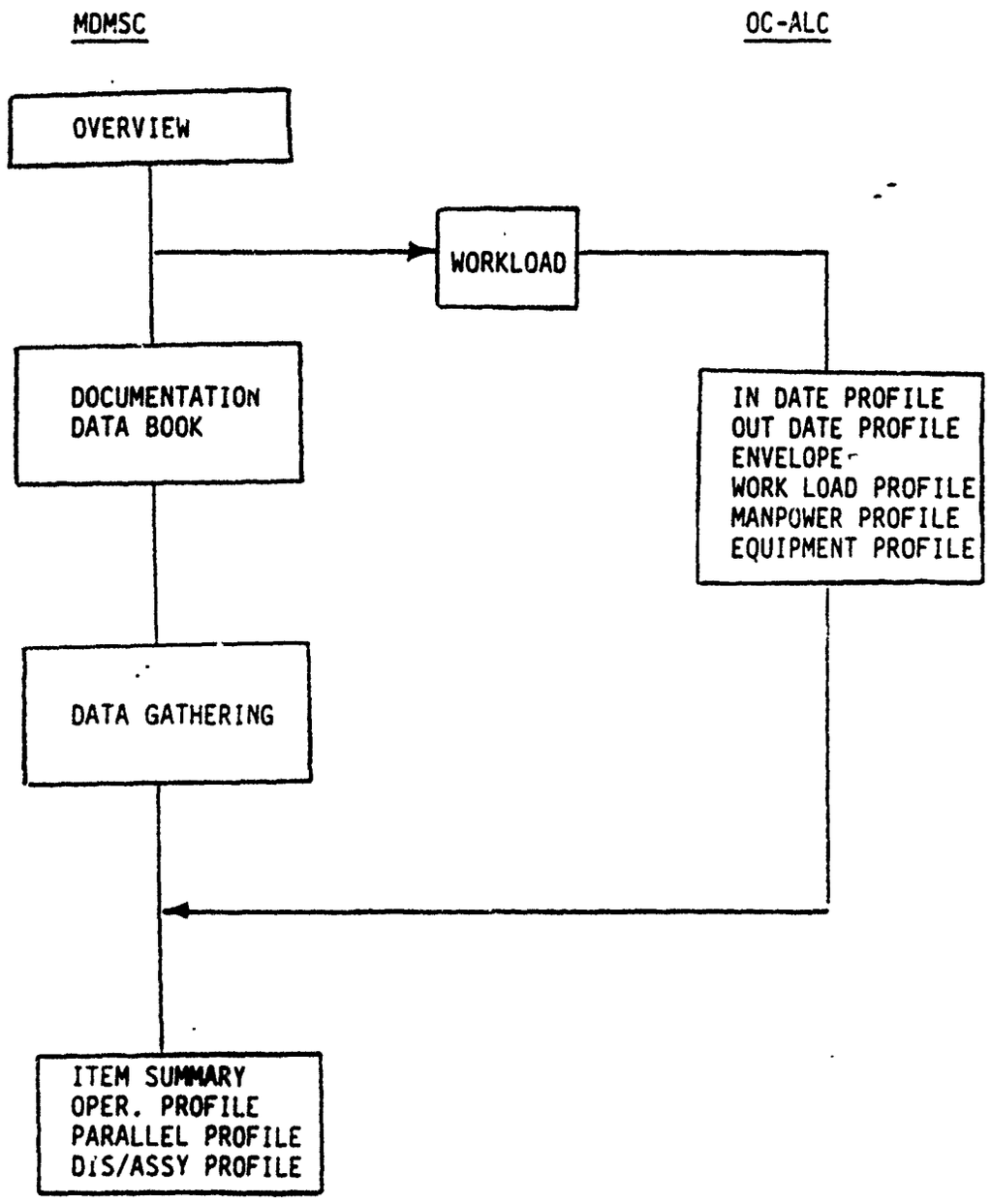
THERE WERE (6) PROFILES GENERATED BY ALC PERSONNEL AND REVIEWED/COMPLETED BY MDMSC ENGINEERS.

THEY WERE:

ENVELOPE PROFILE
WORK LOAD PROFILE
EQUIPMENT PROFILE
MANPOWER PROFILE
IN DATE PROFILE
OUT DATE PROFILE

13 APRIL 1989

TECHNOLOGY INSERTION PROGRAM - RESPONSIBILITIES



OPERATION PROFILE

NAME Linda McFarland ALC OC DATE 5- 79 RCC MAT PCC SHEET 1 OF 3

PCN/MCN/PIN 45387A WCD CCA122 WCD DATE 88181

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
00	MAT REC	IN	1	TRANSIT		19.2									ABBIE WESLEY
10	MAT PCC	REC	1.	SETUP											
				PROCESS			CT09	1		.1					
15		TEST	1.	TRANSIT											PRETEST
				SETUP											
				PROCESS			CT09	1		.1					
20		DIS	1.	TRANSIT											FLUSH DRAIN THEN DISASSY
				SETUP											
				PROCESS			CT09	1		.5					
30		CLN	1.	TRANSIT											
				SETUP											
				PROCESS			CT09	1		.3					
40		INSP	1.	TRANSIT											
				SETUP											
				PROCESS			CT09	1		.3					

LSC-2(XX)2C

OPERATION PROFILE

NAME Andrew McFarland ALC OC DATE 5-.. 89 RCC MATP SHEET 2 OF 3

PCN 45387A WCD CCA122 WCD DATE 88181

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
				TRANSIT											1
50	MAT PCC	REP	1.	SETUP											
				PROCESS			CT09	1		.4					
60		ASSY	1.	TRANSIT											
				SETUP											
				PROCESS			CT09	1		1.3					
70		TEST	1.	TRANSIT		8	CT09	1		.1					move To 3801 for test
				SETUP											
				PROCESS			CT09	1		.6	OC1552	1		.8	
75		REP	.6	TRANSIT			CT09	1		.1					move to 3801 repair after rejection
				SETUP											
				PROCESS			CT09	1		.5					
76		TEST	.6	TRANSIT		8	CT09	1		.1					MOVE TO 3801 & QAT list
				SETUP											
				PROCESS			CT09	1		.6	OC1552	1		.8	

LSC-20092C

OPERATION PROFILE

NAME 2nd Mainland ALC SC DATE 5-__-79 RCC MATP SHEET 3 OF 3

PCN/MSN/PIN 45387A WCD CCA122 WCD DATE 88181

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
80	MAT PCC	ASSY	1.	TRANSIT		.3	CT09	1		.1					move to 3001
				SETUP											
				PROCESS			CT09	1		.4					
81	MAT PCC	MOVE	1.	TRANSIT			CT09			.1					MOVE TO PAINT IN CA
				SETUP											
				DROGEOS											
82	MAT PCA	PAINT	1.	TRANSIT											
				SETUP											
				PROCESS		3.									
90	MAT PCC	PW	1.	TRANSIT			CT09			.1					
				SETUP											
				PROCESS			CT09			.1					
9999				TRANSIT											
				SETUP											
				PROCESS											

LSC-2000C

3.1

OPERATION · ROFILE

NAME Andrew McFarland ALC QC DATE 5- 89 RCC MATP SHEET 1 OF 6

PCN/MSN/PIN 34522-A WCD CCECLC WCD DATE 89118

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
00	Not RCC	IN	1	~~TRANSIT~~		1.40									
10	NOT RCC	REC	1	~~SETUP~~											
				PROCESS			A409	1		0.1					
15		INFO	1	~~TRANSIT~~											
				~~SETUP~~											
				PROCESS											
16		CLN	1	~~TRANSIT~~											
				~~SETUP~~											
				PROCESS			A409	1		0.1					
17		TEST	1	~~TRANSIT~~											
				~~SETUP~~											
				PROCESS			A409	1		.2					
20		DIS	1	~~TRANSIT~~											
				~~SETUP~~											
				PROCESS			A409	1		.5					

5.42
1.15
6.57

LSC-2(X)92C

OPERATION 4OFILE

NAME Sandra McFarland ALC OC DATE 5- 79 RCC MATP SHEET 2 OF 6

PCN
NSN
PIN

WCD WCD DATE

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
30	Mat PCC	CLEN	1.	TRANSIT											
				SETUP											
				PROCESS			A409	1		.3					
40		INSP	1.	TRANSIT											
				SETUP											
				PROCESS			A409	1		.2					
190		REP	1.	TRANSIT											
				SETUP											
				PROCESS			A409	1		.4					
200		LUBE	1.	TRANSIT											
				SETUP											
				PROCESS			A409	1		.1					
210		ASSY		TRANSIT											
				SETUP P			A409	1	25	.2					
				PROCESS			A409	1	75	.7					

LSC-2000C

OPERATION · .OFILE

NAME Gordon McFarland ALC OC DATE 5- 29 RCC MATP SHEET 3 OF 6

PCN
NSN
PIN
WCD
WCD DATE

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT Q.T.Y.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
220	not PCC	ASSY	1	TRANSIT											
				SETUP											
				PROCESS			A409	1		.1					
230		ASSY	1	TRANSIT											
				SETUP											
				PROCESS			A409	1		.1					
240		ASSY	1	TRANSIT											
				SETUP											
				PROCESS			A409	1		.1					
250		assy	1	TRANSIT											
				SETUP											
				PROCESS		.5	A409	1		.1					
260		test	1	TRANSIT											
				SETUP											
				PROCESS			A409	1		.1	P0#325	1		.1	

LSC-2(XX)2C

OPERATION PROFILE

NAME Sandra McFarland ALC OC DATE 5- 79 RCC MATP SHEET 4 OF 6

PCN / NSN / PIN WCD WCD DATE

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
270	mat PCC	TEST	1	TRANSIT											
				SETUP											
				PROCESS			A409	1	50	.1	POO325	1		.1	
280		test	1	TRANSIT											
				SETUP											
				PROCESS			A409	1	50	.1	POO325	1		.1	
290		test	1	TRANSIT											
				SETUP											
				PROCESS			A410	1		.0		1		.1	
300		test	1	TRANSIT											
				SETUP											
				PROCESS			A410	1		.00					
310		test	1	TRANSIT											
				SETUP											
				PROCESS			A410	1		.00					

LSC-2000C

OPERATION ROFILE

NAME Andrew McFarland ALC OC DATE 5- 29 RCC MATP SHEET 5 OF 6

PCN NSN PIN WCD WCD DATE

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
329	MAT PCC	test	1	TRANSIT											
				SETUP											
				PROCESS			AG10	1		.01					
330		INS	1	TRANSIT											
				SETUP											
				PROCESS			AG10	1		.01					
340		test	1	TRANSIT											
				SETUP											
				PROCESS			AG10	1		.01					
350		test	1	TRANSIT											
				SETUP											
				PROCESS			AG10	1		.01					
360		assy	1	TRANSIT											
				SETUP											
				PROCESS			AG10	1		.2					

OPERATIOI OFILE

NAME S. McFARLAND ALC OC DATE 4-20-89 RCC MATP = SHEET 6 OF 6

PCN
NSN
PN

WCD WCD DATE

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
370	Not PCC	PWI	1	~~TRANSIT~~											
				~~SETUP~~											
				PROCESS			A109	1		.1					
380				TRANSIT											
				SETUP											
				PROCESS											
390				~~TRANSIT~~											
				SETUP											
				PROCESS											
400				~~TRANSIT~~											
				~~SETUP~~											
				PROCESS											
9999				TRANSIT											
				~~SETUP~~											
				PROCESS											

LSC-2(XX)2C

OPERATIC ROFILE

NAME S. McFARLAND ALC OC DATE 4-20-89 RCC MATP = SHEET 1 OF 2

PCN / M&N / P/N 300IIA WCD CCAY02 WCD DATE 88308

OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
00	MAT PC a	IN REC	1.	TRANSIT		100									CHARLES FORD
10			1.	SETUP											
				PROCESS			DY09	1		.05					
15		INFO	1.	TRANSIT											
				SETUP											
				PROCESS											
30		CLN	1.	TRANSIT											
				SETUP											
				PROCESS			DY09	1		.05					
40		INSP	1.	TRANSIT											
				SETUP											
				PROCESS			DY09	1		.05					
50		INSP	1.	TRANSIT											
				SETUP											
				PROCESS			DY09	1		.05					

LSC-20002C

OPERATIO OFILE

NAME S. McFARLAND ALC OC DATE 4-20-89 RCC MATP SHEET 2 OF 2

PGM NBR PIN 30011A WCD CAY02 WCD DATE 88308

	OPERATION NUMBER	RCC	OPERATION DESCRIPTION	MANDATORY OCCURRENCE FACTOR	OPERATION TYPE	MANDATORY FLOW HOURS %	MANDATORY FLOW HOURS HRS.	MANPOWER SKILL CODE/ LEVEL	MANPOWER QTY.	MANPOWER TIME REQUIRED %	MANPOWER TIME REQUIRED HRS.	EQUIPMENT EQUIPMENT CODE	EQUIPMENT QTY.	EQUIPMENT TIME REQUIRED %	EQUIPMENT TIME REQUIRED HRS.	DATA SOURCE COMMENTS
ADD	55	MAP PCC	ASSY	.95	TRANSIT											BUILD UP SUBASSY
					SETUP											
					PROCESS			DY09	1		1.8					
	60		REP	1.	TRANSIT											
					SETUP											
					PROCESS			DY09	1		.4					
	70	-	INSP	1.	TRANSIT											
					SETUP											
					PROCESS			DY09	1		.05					
	90		PW	1.	TRANSIT											
					SETUP											
					PROCESS			DY09	1		.1					
	9999				TRANSIT											
					SETUP											
					PROCESS											

EQUIPMENT PROFILE

NAME S. McFARLAND ALC OC DATE 23 MAY 89 RCC MATPCC SHEET 1 OF 3

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT			DOWNTIME					PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS		ALTERNATE EQUIPMENT CODE	SOURCE
					PREVENTIVE MAINT.			UNSCHEDULED BREAKDOWN REPAIR TIME			MIN	MAX		
		1st	2nd	3rd	FREQ.	SHIFT	DOWN TIME	MTBF	MTTR					
OC2757 ~~PMFSD~~	Servo Test Station	1			90	1	2	—	—	Ø			—	
E1805	Servo Analyzer	2			210	1	40	—	—				—	
71374	SERVO TEST SET	1			90	1	40	—	—				—	
92507	AUTO TEST STAND	1			—	—	—	—	—				—	
81379	SERVO TESTER	1			90	1	2	—	—				—	
PL0517	PHASE ANGLE VOLTMETER	3			90	1	80	—	—				—	
PB1259	CLUTCH PACK TEST STAND	1			210	1	2	—	—				—	
PC1964	SERVO TEST STAND	1			90	1	2	—	—				—	
PL9464	AFTO 37C TEST STAND	1			180	1	2	—	—				—	
P00340	H2O PUMP TSTR	1			365	1	2	—	—				—	
P70340	GENERATOR TSTR	1			90	1	2	—	—				—	
OC1521	FUEL FLOW TSTR	1			180	1	1	015.	4.000	Ø			OC1551	HERMAN SEARCY

LSC-2(XX)-4B

EQUIPMENT PROFILE

NAME _____ ALC OC DATE 23 MAY 89 RCC MAT PCC SHEET 2 OF 5

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT 1st	2nd	3rd	DOWNTIME PREVENTIVE MAINT. FREQ.	SHIFT	DOWN TIME	UNSCHEDULED BREAKDOWN REPAIR TIME MTBF	MTTR	PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS MIN / MAX	ALTERNATE EQUIPMENT CODE	SOURCE
OC1551	FUEL FLOW TSTR	1			180	1	1	—	—	Ø		OC1531	HERMAN SEARLY
OC1550	FUEL FLOW TSTR	1			180	1	1	—	—	Ø		OC1552	" "
OC1552	FUEL FLOW TSTR	1			180	1	1	—	—	Ø		OC1550	" "
OC1553	FUEL FLOW TSTR	1			180	1	1	180	180	Ø		OC1552	" "
P93511	PWR SUPPLY	1			—	—	—	—	—	Ø		—	" "
P94495	PWR SUPPLY	1			-	-	—	—	—	Ø		-	" "
P94752	PWR SUPPLY	1			—	-	—	—	—	Ø		—	" "
~~TORQUE MTR TSTR~~	TORQUE MTR TSTR	1			—	—	—	—	—	Ø		—	" "
VOLT MTR	PHASE SEQ. VM	4			—	—	—	—	—	Ø		—	" "
O'SCOPE	OSCILLOSCOPE	4			90	1	40	—	—	Ø		—	" "
HIPOT	HIPOT TSTR	3			—	—	—	—	—	Ø		—	" "
SCALES	SCALES	4			365	1	40	—	—	Ø		—	" "

BROKEN FOR LAST 6 MO. SCHEDULED FOR SCRAP

LSC-2009-4B

EQUIPMENT PROFILE

NAME _____ ALC OC DATE 23 MAY 89 RCC MAT PCC SHEET 3 OF 8

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT 1st	2nd	3rd	DOWNTIME: PREVENTIVE MAINT. FREQ.	SHIFT	DOWN TIME	UNSCHEDULED BREAKDOWN REPAIR TIME: MTBF	MTTR	PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS MIN / MAX	ALTERNATE EQUIPMENT CODE	SOURCE
93678	CABL ISIR 400C CABLE TESTER	1			180	1	16	—	—	10%		94249	L. Linder
94249	CABL ISIR 400C CABLE TESTER	1			180	1	16	—	—	90%		93678	" "
MAG CHRGR	MAGNETIC CHARGER	1			—	—	—	—	—	Ø		—	HERMAN SEARCY
P02487	A/C ACTUATOR TSTR	1			—	—	—	—	—	Ø		—	—
P00326	D/C ACTUATOR TSTR	1			90	—	24	—	—	Ø		—	—
93678	400C CABLE TSTR	1			180	1	16	—	—	10%		-	L. LAKIN
OC3405	SET IGNITION TSTR	1			180	1	1	—	—	Ø		—	" "
OC5034	DITMCO 9100	1			180	1	8	—	—	Ø		—	" "
OC4163	IGN Sys Test	1			90	1	1			/			
0[illegible]	EQUIP [illegible]	1			—			—					
[illegible]		1			90	1		—					
[illegible]	[illegible]	1			90	1	4h					[illegible]	

LSC-200948

EQUIPMEN. .OFILE

NAME _____ ALC _____ DATE _____ RCC _____ SHEET 1 OF 5

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT			DOWNTIME					PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS	ALTERNATE EQUIPMENT CODE	SOURCE
					PREVENTIVE MAINT.			UNSCHEDULED BREAKDOWN REPAIR TIME			MIN / MAX		
		1st	2nd	3rd	FREQ.	SHIFT	DOWN TIME	MTBF	MTTR				
PL9460	AETO 375 Test Stand	1			6 Mos	1	None done in Shop	—	—				
PC1799	IRD Balancing Machine	1			12 Mos	1	None done in Shop	—	—				
80575	AETO 375 Test Stand	1			3 Mos	1	None done in Shop	—	—				
P00340	Water Pump Test Stand	1			12 Mos	1	None done in Shop	—	—				
P70340	Generator Test Stand	1			3 Mos	1	None done in Shop	—	—				
[illegible]	[illegible]	1			-			1	1	3			[illegible]

LSC-2(XB)D

15/20

EQUIPMENT PROFILE

NAME _____ ALC OC DATE _____ RCC MATPCC SHEET 5 OF 5

EQUIPMENT CODE	EQUIPMENT TYPE/DESCRIPTION	QUANTITY PER SHIFT 1st	2nd	3rd	DOWNTIME: PREVENTIVE MAINT. FREQ.	SHIFT	DOWN TIME	UNSCHEDULED BREAKDOWN REPAIR TIME: MTBF	MTTR	PERCENT USED FOR OTHER RCCs (e.g. TIME NOT AVAILABLE)	ENVELOP UNITS MIN / MAX	ALTERNATE EQUIPMENT CODE	SOURCE
OC3153 P81750	Servo Test Station	1			3 mos	1	None Done in Shop	—	—				
E1805	Servo Analyzer	2			7 mos	1	1 wk	—	—				
71374	Servo Test Set	1			3 mos	1	1 wk	—	—			71375	
92509	Auto Test Stand	1			NCR	1	—	—	—				
OC3698 81319	Servo Tester	1			3 mos	1	None Done in Shop	—	—				
PL0517	Phase Angle Voltmeter	3			3 mos	1	2 wks	—	—				
OC3504 PB1359	Clutch Pack Test Stand	1			7 mos	1	None Done in Shop	—	—				
PC1164	Servo Test Stand	1			3 mos	1	None Done in Shop	—	—				
81002	Oscilloscope	2			3 mos	1	1 wk	—	—				
PB3131	Scales	2			12 mos	1	1 wk	—	—				
PB3132	Scales	2			12 mos	1	1 wk	—	—				
81931	Control	1			12 mos	1	1 wk	—	—				

ENVE

(For Internal Use, Not a Model Input)

ALC OC RCC MATPCC EQUIPMENT CODE

TOTAL VOLUME OF EQUIPMENT IN CU. FT.

NONE REQUIRED

LIST OF PARTS BY ITEM NUMBER	SIZE/VOLUME CU. FT.	UNIT VALUE	MINIMUM	MAXIMUM	REMARK/SOURCE
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					
PCN NSN P/N					

LSC-2910A

DISASSEMBLY/ASSEMB. ROFILE

NAME Sadie M Forland ALC OC DATE 5-16-89 RCC MATPCC SHEET 1 OF 1

TOP ASSEMBLY			REMOVAL OPERATION NUMBER	INSTALLATION OPERATION NUMBER	DISASSEMBLY			SAME REMOVED ITEM INSTALLED INTO ASSY. Y/N
ITEM NUMBER	WCD	WCD DATE			ITEM NUMBER	CHILD WCD	CHILD WCD DATE	
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			
PCN NSN PIN					PCN NSN PIN			

NOT REQUIRED

LSC-20X95A

PARALLEL PROC ; PROFILE

NAME Sadie M. Farland ALC OC DATE 5-17-89 RCC MATPCC SHEET 1 OF 1

ITEM NUMBER	PARENT WCD	PARENT WCD DATE	BEGINNING OPERATION NUMBER	ENDING OPERATION NUMBER	CHILD PROCESS INFORMATION		
					ITEM NUMBER	CHILD WCD	CHILD WCD DATE
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		
PCN NSN P/N					PCN NSN P/N		

NONE REQUIRED

LSC-20103A

Fuel flow

MANPOWER PROFILE

NAME _____ ALC OC DATE _____ RCC MAIPOC SHEET 2 OF 2

SKILL CODE/LEVEL	JOB DESCRIPTION	1988 QUARTER	QUANTITY AVAILABLE									MANPOWER AVAILABLE (HOURS)									ALTERNATE SKILL CODE/LEVEL
			WORK WEEK			WEEKEND			HOLIDAYS			WORK WEEK			WEEKEND			HOLIDAYS			
			1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
CT09	INST REP FUEL FLOW REPAIR	1	11									5.8									
		2	15									5.8									
		3	15									5.8									
		4	15									5.8									
BY10	ELECTMECH ELECTRICAL EQUIPMENT REPAIR	1	9									5.8									BY09
		2	8									5.8									
		3	7									5.8									
		4	6									5.8									
BY09	ELECTMECH ELECTRICAL EQUIPMENT REPAIR	1	3									5.8									BY10
		2	3									5.8									
		3	1									5.8									
		4	4									5.8									
BY08	BATTERY BATTERY SHOP OPERATORS	1	4									5.8									
		2	4									5.8									
		3	4									5.8									
		4	4									5.8									
BY06	TAG MAKER	1	1									5.8									
		2	1									5.8									
		3	1									5.8									
		4	1									5.8									

LSC-2(XX)1

2854 INST REQ

MANPOWER PROFILE

NAME SADIE MCFARLAND ALC OC DATE 5-19-89 RCC MATPCC SHEET 1 OF 2

SKILL CODE/LEVEL	JOB DESCRIPTION	1988 QUARTER	QUANTITY AVAILABLE									MANPOWER AVAILABLE (HOURS)									ALTERNATE SKILL CODE/LEVEL
			WORK WEEK			WEEKEND			HOLIDAYS			WORK WEEK			WEEKEND			HOLIDAYS			
			1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
DY07	ELECT_REP Electrical Equipment Repair	1	3									5.8									DY09 DY10
		2	3									5.8									
		3	3									5.8									
		4	3									5.8									
DY09	---------- 11	1	8									5.8									DY07 DY10
		2	8									5.8									
		3	8									5.8									
		4	8									5.8									
DY10	---------- 11	1	4									5.8									DY07 DY09
		2	4									5.8									
		3	4									5.8									
		4	4									5.8									
AY09	ELECTMECH ACTUATOR REPAIR	1	11									5.8									AY 10
		2	11									5.8									
		3	11									5.8									
		4	11									5.8									
AY1C	ELECTMECH ACTUATOR REPAIR TEST OPERATOR	1	5									5.8									
		2	5									5.8									
		3	5									5.8									
		4	5									5.8									

LSC-2(XX)3

13.0 ADDITIONAL SUPPORT DATA

APPENDIX A - E046B STANDARDS, 1988, 1989

APPENDIX B - EARNED HOURS REPORT, PROJECTED, 1988

APPENDIX C - ENGINEERING NOTES: POTENTIAL IMPROVEMENT OPPORTUNITIES

5.1 PROFILE DATA FILES

The profile data files for RCC MATPCC were previously submitted under memo number NKE-E016-7605/REV. A, dated July 6, 1989/July 31, 1989.

5.2 MODEL INPUT FILES

The model input files for RCC MATPCC were previously submitted under memo number NKE-E016-7605/REV. A, dated July 6, 1989/July 31, 1989.

6.0 VALIDATION OF INPUT DATA

All profile data was validated in accordance with paragraph 7.2 and 7.3 of the Simulation Model Definition Document (SMDD). The profile data files included in this document were validated and accurately represent this RCC.

8.0 VALIDATION OF SIMULATION ANALYSIS

The validation of simulation analysis for RCC MATPCC was previously submitted under memo number NKE-E016-7605/REV. A, dated July 6, 1989/July 31, 1989.

9.0 BRAINSTORMING

The minutes for RCC MATPCC brainstorming were previously submitted under memo number NKE-E016-7605/REV. A, dated July 6, 1989/July 31, 1989.

CORRESPONDENCE ACTION ITEM RESPONSE
☐ YES ☐ NO

G. L. Dowdy

R. Donnelly

AFTER FINAL SIGNATURE RETURN TO:

LETTER ✓
ENCLOSURE ✓

31 July 1989
NKE-E016-7605
Revision A

Subject: Contract F33600-88-D-0567, Technology Insertion Engineering Services, Submittal of Revised Validation Minutes

To: Department of the Air Force
Attention: Ms. T. Hoyt (PMRP)
Contracting Officer
Building 1, Area C
Wright-Patterson AFB, OH 45433-5320

Enclosure: (1) Task Order 1, Process Characterization, Validation of RCCs MABPFF and MATPCC at OC-ALC, 26-27 June 1989

1. For documentation purposes, McDonnell Missile Systems Company (MDMSC) herein submits revised Enclosure (1) validation minutes. The revision adds: (1) an explanation of why MDMSC did not use historical data for validation, (2) a listing of historical versus standard (G019) hours, and (3) historical data to the output report for each RCC.

2. Please address any questions or requests for additional information to the undersigned at (314)233-8724.

D. W. Engelbart

D. W. Engelbart
Senior Contracts Administrator
Advanced Programs

EC: Department of the Air Force
OC-ALC/MAWF
Attention: Mr. G. Leiterman
Tinker AFB, OK 73145

Department of the Air Force
HQ AFLC/MAQF
Attention: Mr. Doxie Cripe
Building 262, Area A
Wright-Patterson AFB, OH 45433-5320

IC: F. Lauber *
D. Engelbart
Master Files
Contract Files

* Bldg. 92 Dist.

PLACE ✓ NEXT TO LADDER SIGNATURE IN APPROPRIATE BOX IF COPY IS DESIRED

MDE 14-27-1 (1 JUL 87)

MASTER FILE

P.O Box 516, Saint Louis, MO 63166-0516 (314) 232-0232 TELEX 44-857

MEMO
31 Jul 89
TI-89-FJL-0219

Sub: TECHNOLOGY INSERTION-ENGINEERING SERVICES (TI-ES) TASK ORDER NO. 1, REVISION "A" TO VALIDATION MINUTES FOR OC-ALC

To: R. G. Bolanos, R. Donnelly, Jr., G. L. Dowdy, G. Fallo, C. J. Gonzales, M. S. McCoy, File

Encl: (1) Transmittal Letter NKE-E016-7605 Rev A, dtd 31 July 1989
(2) Task Order No. 1 Revised Validation Minutes for OC-ALC RCCs MABPFF and MATPCC all without Computer Flat Files

1. Encl (1) and (2) are provided as internal distribution.

2. If you have any questions or comments, please contact me.

F. J. Lauber
T.I. Program Administration
E510/0922272, Sta. 925-5406

FJL:paw

0051P/96

OC/ALC

MATPCC

Intensive analysis of history data compiled from stamped WCDs indicates that this data is erroneous, and should not be used in validating the UDOS 2.0 model for this RCC.

Occasional alignment between historical and simulated flow times are purely coincidental.

It was observed during validation that the utilization of G019C flow days was more realistic and more in line with the experiences of the ALC personnel who were part of the validation team.

The inaccuracy of the WCD history is directly related to:

1) System of WCD release:

   a) Copies are batch-pulled on a bi-weekly basis and at times on a quarterly basis.
   b) Block 5 date is actually the date printed and not the actual induction date.

2) WCD inconsistencies:

   a) In many cases the WCDs do not depict the real world processing flow and actually produce backtracking of date due to incorrect operation sequences.

3) Recording inconsistencies:

   a) Operations are all being stamped on the same date. Where there are flows through more than one operator, such as assy/check/assy, the date stamping is arbitrary at best.

Conclusion: It is the general opinion of ALC and MDMSC personnel on the validation team that the WCD history is of little value and should be disregarded.

ITEM	G019*	HISTORICAL FLOWTIME HOURS
30011A	0.00	0.00
34055A	240.00	0.00
34103A	192.00	41.80
34327A	192.00	471.00
34510A	240.00	595.40
34512A	192.00	120.00
34522A	192.00	0.00
34544A	192.00	369.90
34549A	312.00	45.00
35096A	192.00	41.10
35097A	192.00	42.20
37649A	0.00	260.40
37730A	192.00	31.20
38664A	0.00	0.00
38666A	0.00	0.00
39602A	192.00	90.00
39706A	240.00	122.20
42089A	192.00	0.00
45362A	192.00	0.00
45387A	192.00	0.00
48371A	192.00	0.00
48451A	192.00	0.00
48561A	192.00	0.00
48563A	192.00	0.00
49582A	192.00	0.00
61132A	0.00	205.60
61207A	192.00	0.00
61264A	192.00	0.00
95015A	0.00	342.00
95038A	0.00	120.60
95052A	0.00	448.70
95058A	0.00	305.80
95086A	0.00	153.90
95104A	0.00	0.00
95108A	0.00	277.10
95111A	0.00	2388.50
95131A	0.00	260.80
95133A	0.00	2681.60
95188A	0.00	2622.00
95333A	0.00	272.00
96524A	0.00	45.50

*SEE NOTE IN MINUTES REGARDING ITEMS WITH NO VALUE FOR G019.

MATPCC

28 June 89

I. INTRODUCTION

1. Gene Leiterman briefed UDOS/ Model, included:

A) Model Objectives
B) Validation Criteria
C) Data Collection / Model Operation

2. Ricardo Bolanos briefed problems with MATPCC, included:

A) Lack of History Data/need to use standard flow times.
B) High variance between models average flow times and standard flow times.

3. Greg John briefed model Flat File organization and how to interpret the printouts.

II. All model average flow times were at extreme variance with the standard flow times captured during RCC characterization. Rick Tison explained that the standard flow times were incorrect and provided a copy of the G019C report showing correct standard flow times. This reduced variance in some instances but not enough for acceptance.

III. George Branson explained that the items shown here on list #1 are not prime to MATPCC. This means that the standard flow time includes a great percentage of time not charged to MATPCC. He estimated that all these parts spent between 2 - 4 days in MATPCC.

All these items had modeled flow times of 2 - 4 days. These PCN'S were determined to be acceptable. PCN'S number 38664 and 38666 showed simulated flow times of 7.2 hours. This was identified as acceptable by George Branson (these PCN'S are normally completed in one shift).

IV. Considerable discusssion took place regarding "in" times on the remaining PCN'S. George Branson explained that these parts are inducted in batches on a 2 week cycle. They are grouped by PCN and reparied by one mechanic. The parts may wait a week or longer before their first repair operation. It was determined that the current "in" time of 16 hours mandatory flow time should be increased to 96. MDMSC will make this change and conduct a new model run.

MATPCC
29 June 89

I. All required changes to the data were made and a new model run performed. The addition of mandatory flow time of the "IN" operation produced large queues for many parts. This was alleiviated by distributing the "IN" flow time uniformly between 24 and 168 hours. This substantially reduced the variance across the remaining MISTR parts.

II. The meeting was resumed at 13:00. Several items were accpeted:

1. George Banson identified PCN 34327 as a MISTR item (it was previously shown as a backshop item on list #1). When the appropriate "IN" flow time was added, the variance between

PCN LIST #1

30011

34327 — REMOVED FROM LIST

37649

61132

95015

95038

95052

95058

95086

95104

95108

95111

95131

95133

95188

95333

96524

model and standard flow times was reduced to acceptability.

2. George Branson identified the backshop hours for PCN 34510 as excessive. When they were reduced to 48-72 hour, this item became acceptable.

3. Those PCN'S shown on list #2 were identified as "High - Dollar" items. George Branson explained that these items are worked on a rigid schedule and could be expected to be completed ahead of the standard flow times. George requested that MDMSC reduce the "IN" flow time distribution by two days.

III. Some errors were found in the Equipment Profile. MDMSC will correct these errors and conduct a new model run.

MATPCC

30 June 89

I. All required changes were made and a new model run performed. All variances were examined by MATPCC supervisors and planners. All variances were considered acceptable.

II. A Brainstorming session was conducted. The items on list #3 were accepted as suitable candidates for model experimentation. Mark Thornton accepted an action item to gather data on appropriate levels for each factor in a Taguchi Array.

MATPCC

28 June 89

NAME	ORGANIZATION	PHONE NUMBER
GREG GARDNER	MDMSC	62873
GUY FALLO	MDMSC	62873
RICK TISON	MATEFI	62647
MARK THORNTON	MATEE	62617
GENE LEITERMAN	MAWF	67981
HERMAN SEARCY	MATPCC	67481
GREG JOHN	MDMSC	(314) 925-5852
RICARDO BOLANOS	MDMSC	(314) 925-5840
GEORGE BRANSON	MATPCC	67481

29 June 89

NAME	ORGANIZATION	PHONE NUMBER
GREG GARDNER	MDMSC	62873
GREG JOHN	MDMSC	925-5852
GEORGE BRANSON	MATPCC	67481
MARK THORNTON	MATEE	65568
GUY FALLO	MDMSC	62873
RICARDO BOLANOS	MDMSC	925-5840

TASK ORDER 1 PROCESS CHARACTERIZATION

VALIDATION MEETING MINUTES

MATPCC

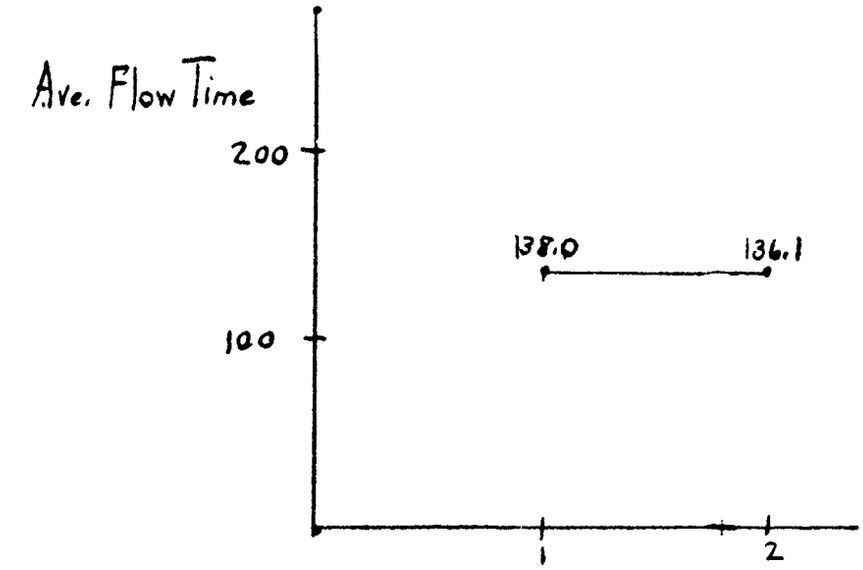
30 June 89

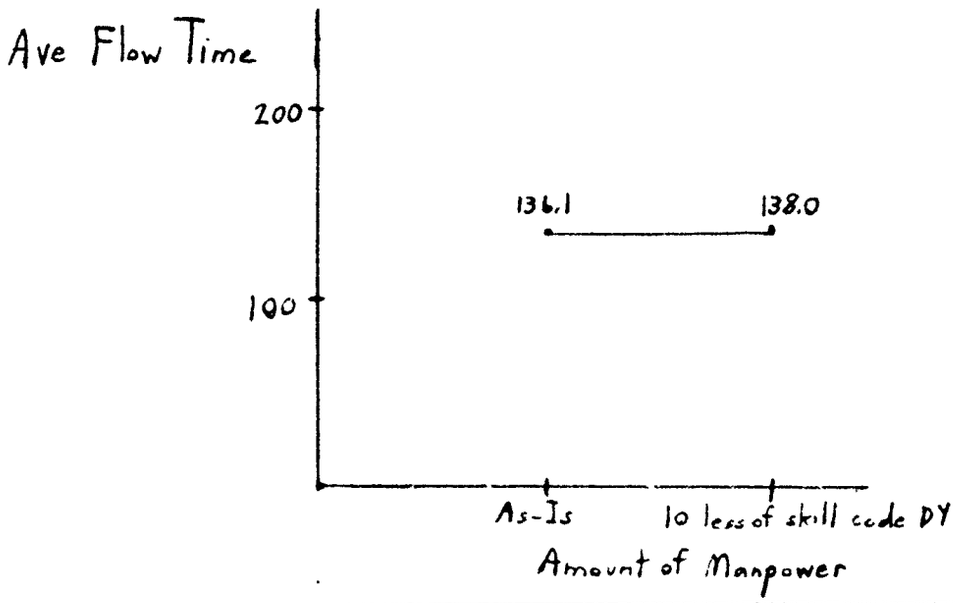
NAME	COMPANY	PHONE
RICARDO BOLANOS	MDMSC	(314) 925-5840
MARK THORNTON	MATEE	736-5568
RICK TISON	MATEFI	62647
HERMAN SEARCY	MATPCC	67588
JEREMIAH MURPHY	MATEAC	65920
GREG JOHN	MDMSC	(314) 925-5852
GREG GARDNER	MCMSC	62873
PAMELA HAWKINS	MATPCC	65720
GUY FALLO	MDMSC	62873

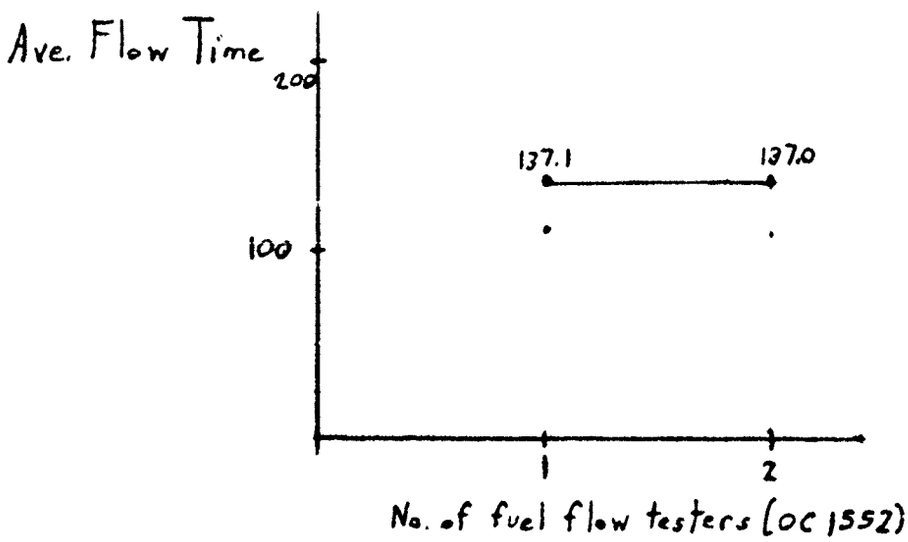
Flow Time Variances for MATPCC

PCN	Simulated Flow Time Hours	Actual Hours	Simulated vs. Actual Variance (%)
30011A	39.78	48.0	-17.1
34055A	241.68	240.0	0
34103A	194.25	192.0	0
34327A	117.07	192.0	-39.0
34510A	327.92	240.0	26.8
34512A	128.83	192.0	-32.9
34522A	108.92	192.0	-43.3
34544A	137.33	192.0	-28.5
34549A	276.76	312.0	-11.3
35096A	133.11	192.0	-30.7
35097A	169.77	192.0	-11.6
37649A	60.73	48.0	21.0
37730A	141.16	192.0	-26.5
38664A	7.60	24.0	-68.3
38666A	7.33	24.0	-69.5
39602A	214.15	192.0	10.3
39706A	213.77	240.0	-10.9
42089A	179.20	192.0	-6.7
45362A	201.94	192.0	4.9
45387A	249.71	192.0	23.1
48371A	215.24	192.0	10.8
48451A	275.63	192.0	30.3
48561A	251.34	192.0	23.6
48563A	257.20	192.0	25.3
49582A	177.06	192.0	-7.8
61132A	110.21	96.0	12.9
61207A	202.47	192.0	5.2
61214A	256.94	192.0	25.3
95015A	52.40	48.0	8.4
95038A	49.92	48.0	3.8
95052A	68.08	48.0	29.5
95058A	57.44	48.0	16.4
95086A	65.79	48.0	27.0
95104A	66.30	48.0	27.6
95108A	49.41	48.0	2.9
95111A	95.85	48.0	49.9
95131A	63.86	48.0	24.8
95133A	56.96	48.0	15.7
95188A	73.59	48.0	34.8
95333A	56.97	48.0	15.7
95524A	58.53	48.0	18.0

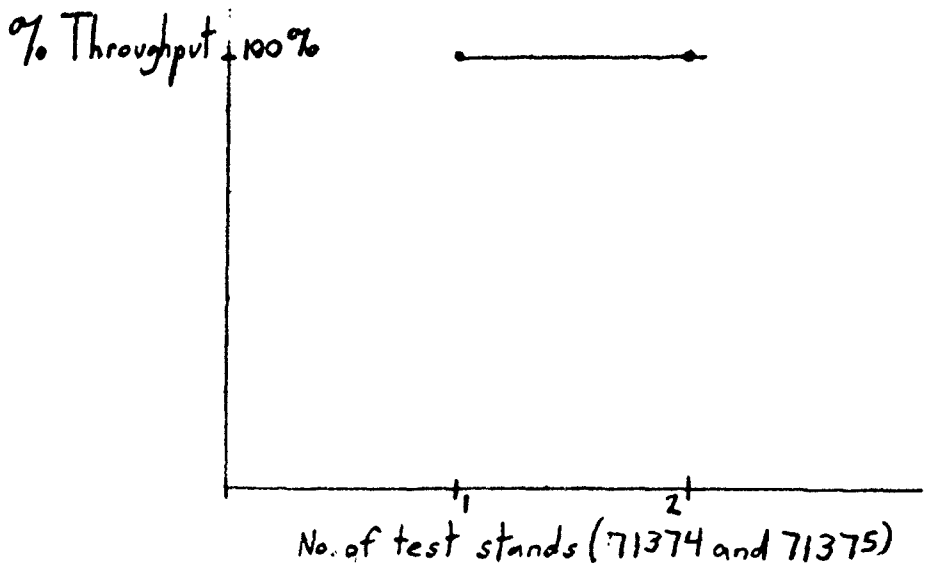
Factor Diagrams for Flow Times for MATPCC

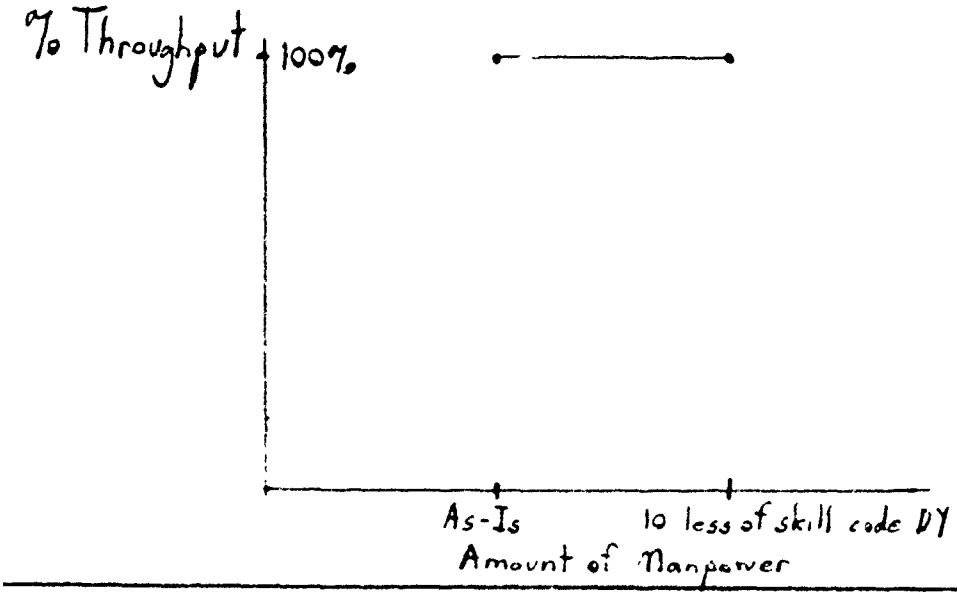


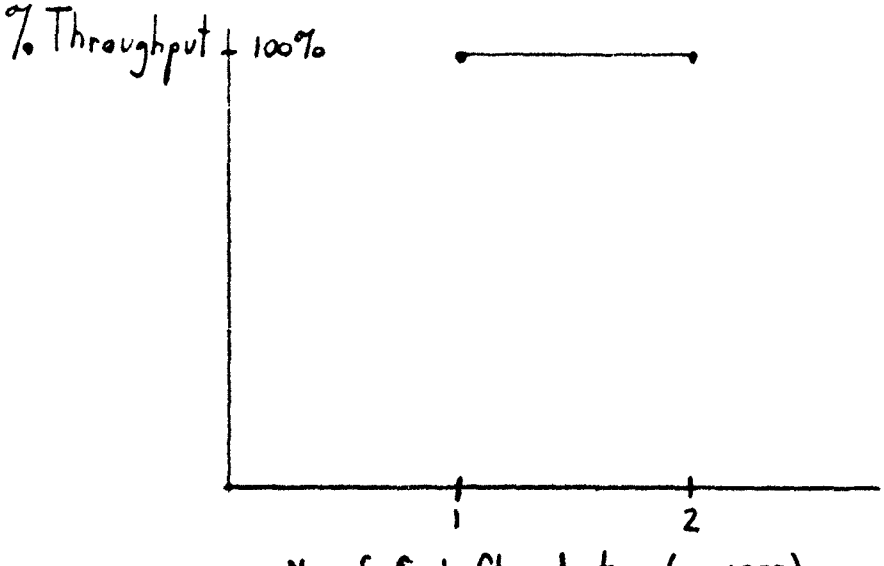




Factor Diagrams for Throughput for MATPCC







EX #	QT #	DAYS #	PCN # 3CC11A	34055A	3410 3A	3433 7A	34 1CA	3451 2A	3452 2A	34544A	HOURS
A	2	91	38.96	226.67	183.95	120.15	323.25	124.57	115.25	137.18	
			99 | 99	59 | 59	43 | 43	85 | 85	40 | 40	219 | 219	93 | 93	189 | 189	
2	2	91	40.80	243.79	205.21	117.37	325.26	127.62	113.06	133.71	
			88 | 88	63 | 63	40 | 40	74 | 74	37 | 37	207 | 207	81 | 81	211 | 211	
3	2	91	40.91	238.09	194.78	121 48	325.56	125.96	114.96	136.92	
			88 | 88	63 | 63	40 | 40	74 | 74	37 | 37	207 | 207	81 | 81	211 | 211	
4	2	91	40.88	242.17	199 6.7	110.56	308 56	127.71	114.93	143.53	
			88 | 88	63 | 63	40 | 40	74 | 74	37 | 37	207 | 207	81 | 81	211 | 211	

UCAC ○ RCC HATRCC

EX #	QT #	Days #	PCN # 345491A	35096A	35097A	37649A	37730A	38664A	38666A	39602A	HOURS
1	2	91	260.66	129.88	161.58	62.54	140.25	7.41	7.37	205.30	
			62 | 62	106 | 106	40 | 40	227 | 227	86 | 86	60 | 60	71 | 71	46 | 46	
2	2	91	288.96	138.17	167.26	62.12	140.70	7.53	7.61	199.35	
			52 | 52	104 | 104	50 | 50	204 | 204	109 | 109	63 | 63	59 | 59	46 | 46	
3	2	91	283.84	135.96	165.88	61.15	142.33	7.31	7.44	201.36	
			52 | 52	104 | 104	50 | 50	204 | 204	109 | 109	63 | 63	59 | 59	46 | 46	
4	2	91	279.59	132.65	156.19	61.14	144.78	7.51	7.57	223.14	
			52 | 52	104 | 104	50 | 50	204 | 204	109 | 109	63 | 63	59 | 59	46 | 46	

EX #	QT #	Days #	PCN # 39706A	42089A	4536.2A	45387A	48371A	48451A	48561A	48563A	HOURS
1	2	91	222.46	174.24	208.33	203.77	211.77	230.49	253.27	256.47	
			93 | 93	252 | 252	113 | 113	168 | 168	98 | 98	105 | 105	23 | 23	28 | 28	
2	2	91	218.35	181.07	204.45	205.46	218.74	243.17	262.68	268.21	
			78 | 78	269 | 269	117 | 117	159 | 159	109 | 109	120 | 120	21 | 21	29 | 29	
3	2	91	214.45	175.56	202.58	201.29	216.81	230.25	250.69	254.29	
			78 | 78	269 | 269	117 | 117	159 | 159	109 | 109	120 | 120	21 | 21	29 | 29	
4	2	91	216.24	182.62	208.91	213.80	216.78	238.91	265.99	271.32	
			78 | 78	269 | 269	117 | 117	159 | 159	109 | 109	120 | 120	21 | 21	29 | 29	

UC OCO RCC MATRIX

EX #	QT #	Days #	PCN # 495824	611324	613074	613644	95015A	95038A	95052A	95058A	HOURS
1	2	91	174.96	113.30	197.42	250.50	50.70	43.66	66.08	64.27	
			165 | 165	45 | 45	128 | 128	42 | 42	99 | 99	32 | 32	53 | 53	33 | 33	
2	2	91	179.67	120.95	198.83	258.13	53.65	57.44	76.32	56.36	
			150 | 150	54 | 54	133 | 133	45 | 45	95 | 95	29 | 29	43 | 43	41 | 41	
3	2	91	175.46	121.28	199.68	254.23	54.18	59.30	69.51	52.53	
			150 | 150	54 | 54	133 | 133	45 | 45	95 | 95	29 | 29	43 | 43	41 | 41	
4	2	91	182.74	113.98	201.78	242.70	55.37	58.31	76.36	55.45	
			150 | 150	54 | 54	133 | 133	45 | 45	95 | 95	29 | 29	43 | 43	41 | 41	

EX #	QT #	Days #	PCN # 95186A	95104A	95108A	95111A	95131A	95133A	95188A	95333A	HOURS
1	2	91	70.93	66.46	48.83	105.31	61.47	51.62	63.18	51.05	
			58 | 58	52 | 52	23 | 23	24 | 24	121 | 121	15 | 15	18 | 18	97 | 97	
2	2	91	80.49	70.99	43.93	112.46	61.76	53.25	58.83	51.63	
			52 | 52	53 | 53	21 | 21	21 | 21	143 | 143	18 | 18	17 | 17	97 | 97	
3	2	91	71.79	72.33	43.78	106.93	59.52	54.20	62.15	51.19	
			52 | 52	53 | 53	21 | 21	21 | 21	143 | 143	18 | 18	17 | 17	97 | 97	
4	2	91	81.11	67.26	43.62	106.41	58.77	57.37	63.43	52.58	
			52 | 52	53 | 53	21 | 21	21 | 21	143 | 143	18 | 18	17 | 17	97 | 97	

RCC QC ○ RCC MATRIX

EX #	QT #	Days #	PCN # 96524A								HOURS
1	2	91	52.39	179 | 179							
2	2	91	60.72	194 | 194							
3	2	91	57.77	194 | 194							
4	2	91	60.27	194 | 194							

AGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

C : OC — RCC : NATPCC — PCN: 300111A — FILE : PCC300111A

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	39	1.00	99	99
2	1	2	2	41	1.00	88	88
3	2	1	2	41	1.00	88	88
4	2	2	1	41	1.00	88	88
			TOTAL	162	4.00	363	363
			AVERAGE	40.4	1.00	90.8	90.8
			MAXIMUM	41	1.00	99	99
			MINIMUM	39	1.00	88	88

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	39.9	1.26	1.00	0.00
A 2	40.9	-1.26	1.00	0.00
B 1	39.9	1.12	1.00	0.00
B 2	40.8	-1.12	1.00	0.00
C 1	39.9	1.16	1.00	0.00
C 2	40.9	-1.16	1.00	0.00
	40.4	0.00	1.00	0.00

GUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

C : OC — RCC : NATPCC — PCN: 34055A — FILE : PCC34055

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	227	1.00	59	59
2	1	2	2	244	1.00	63	63
3	2	1	2	238	1.00	63	63
4	2	2	1	242	1.00	63	63
			TOTAL	951	4.00	248	248
			AVERAGE	237.7	1.00	62.0	62.0
			MAXIMUM	244	1.00	63	63
			MINIMUM	227	1.00	59	59

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	235.2	1.03	1.00	0.00
A 2	240.1	-1.03	1.00	0.00
B 1	232.4	2.23	1.00	0.00
B 2	243.0	2.23	1.00	0.00
C 1	234.4	1.37	1.00	0.00
C 2	240.9	-1.37	1.00	0.00
	237.7	0.00	1.00	0.00
	243.0	2.23	1.00	0.00
	232.4	-2.23	1.00	0.00

ACUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

JC : OC — RCC : MATPCC — PCN: 34103A — FILE : PCC34103

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	184	1.00	43	43
2	1	2	2	205	1.00	40	40
3	2	1	2	195	1.00	40	40
4	2	2	1	200	1.00	40	40
			TOTAL	784	4.00	163	163
			AVERAGE	195.9	1.00	40.8	40.8
			MAXIMUM	205	1.00	43	43
			MINIMUM	184	1.00	40	40

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	194.6	0.68	1.00	0.00
A 2	197.2	-0.68	1.00	0.00
B 1	189.4	3.34	1.00	0.00
B 2	202.4	-3.34	1.00	0.00
C 1	191.8	2.09	1.00	0.00
C 2	200.0	-2.09	1.00	0.00
AVERAGE	195.9	0.00	1.00	0.00
MAXIMUM	202.4	3.34	1.00	0.00
MINIMUM	189.4	-3.34	1.00	0.00

GUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

LC : OC — RCC : MATPCC — PCN: 34327A — FILE : PCC34327

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	120	1.00	85	85
2	1	2	2	117	1.00	74	74
3	2	1	2	121	1.00	74	74
4	2	2	1	111	1.00	74	74
			TOTAL	470	4.00	307	307
			AVERAGE	117.4	1.00	76.8	76.8
			MAXIMUM	121	1.00	85	85
			MINIMUM	111	1.00	74	74

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	118.8	-1.17	1.00	0.00
A 2	116.0	1.17	1.00	0.00
B 1	120.8	-2.92	1.00	0.00
B 2	114.0	2.92	1.00	0.00
C 1	115.4	1.73	1.00	0.00
C 2	119.4	-1.73	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

LC : OC — RCC : MATPCC — PCN: 34510A — FILE : PCC34510

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	323	1.00	40	40
2	1	2	2	325	1.00	37	37
3	2	1	2	326	1.00	37	37
4	2	2	1	309	1.00	37	37
			TOTAL	1283	4.00	151	151
			AVERAGE	320.7	1.00	37.8	37.8
			MAXIMUM	326	1.00	40	40
			MINIMUM	309	1.00	37	37

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	324.3	-1.12	1.00	0.00
A 2	317.1	1.12	1.00	0.00
B 1	324.4	-1.17	1.00	0.00
B 2	316.9	1.17	1.00	0.00
C 1	315.9	1.48	1.00	0.00
C 2	325.4	-1.48	1.00	0.00
	320.7	0.00	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

LG : OC — RCC : MATPCC — PCN: 34512A — FILE : PCC34512

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	125	1.00	219	219
2	1	2	2	128	1.00	207	207
3	2	1	2	126	1.00	207	207
4	2	2	1	128	1.00	207	207
			TOTAL	506	4.00	840	840
			AVERAGE	126.5	1.00	210.0	210.0
			MAXIMUM	128	1.00	219	219
			MINIMUM	125	1.00	207	207

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	126.1	0.29	1.00	0.00
A 2	126.8	-0.29	1.00	0.00
B 1	125.3	0.95	1.00	0.00
B 2	127.7	-0.95	1.00	0.00
C 1	126.1	0.26	1.00	0.00
C 2	126.8	-0.26	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS

LC : OC RCC : HATPCC PCN: 34522A L4 ARRAY 01-Jan-80

FILE : PCC34522

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	115	1.00	93	93
2	1	2	2	113	1.00	81	81
3	2	1	2	115	1.00	81	81
4	2	2	1	115	1.00	81	81
			TOTAL	458	4.00	336	336
			AVERAGE	114.6	1.00	84.0	84.0
			MAXIMUM	115	1.00	93	93
			MINIMUM	113	1.00	81	81

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	114.2	0.34	1.00	0.00
A 2	114.9	-0.34	1.00	0.00
B 1	115.1	-0.48	1.00	0.00
B 2	114.0	0.48	1.00	0.00
C 1	115.1	-0.47	1.00	0.00
C 2	114.0	0.47	1.00	0.00
	114.6	0.00	1.00	0.00
	115.1	0.48	1.00	0.00
	114.0	-0.48	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

LC : OC — RCC : MATPCC — PCN: 34544A — FILE : PCC34544

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	137	0.90	211	189
2	1	2	2	134	1.00	211	211
3	2	1	2	137	1.00	211	211
4	2	2	1	144	1.12	189	211
			TOTAL	551	4.01	822	822
			AVERAGE	137.8	1.00	205.5	205.5
			MAXIMUM	144	1.12	211	211
			MINIMUM	134	0.90	189	189

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	135.4	1.73	0.95	-5.50
A 2	140.2	-1.73	1.06	5.50
B 1	137.1	0.57	0.95	-5.50
B 2	138.6	-0.57	1.06	5.50
C 1	140.4	-1.83	1.01	0.30
C 2	135.7	1.83	1.00	-0.30

TAGUCHI EXPERIMENT ANALYSIS L8 ARRAY 01-Jan-80
USER : OC RCC : MATPCC PCN: [illegible]49A FILE : PCC34549

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	261	1.00	62	62
2	1	2	2	289	1.00	52	52
3	2	1	2	284	1.00	52	52
4	2	2	1	280	1.00	52	[illegible]
			TOTAL	1113	4.00	218	218
			AVERAGE	278.3	1.00	54.5	54.5
			MAXIMUM	289	1.00	62	62
			MINIMUM	261	1.00	52	52

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	274.8	1.24	1.00	0.00
A 2	281.7	-1.24	1.00	0.00
B 1	272.3	2.16	1.00	0.00
B 2	284.3	-2.16	1.00	0.00
C 1	280.1	2.92	1.00	0.00
C 2	286.4	-2.92	1.00	0.00
	278.7	0.00	1.00	0.00
	286.4	2.92	1.00	0.00
	270.1	-2.92	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 35096A — FILE : PCC35096

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	130	1.00	106	106
2	1	2	2	138	1.00	104	104
3	2	1	2	136	1.00	104	104
4	2	2	1	133	1.00	104	104
			TOTAL	537	4.00	418	418
			AVERAGE	134.2	1.00	104.5	104.5
			MAXIMUM	138	1.00	106	104
			MINIMUM	130	1.00	104	104

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	134.0	0.10	1.00	0.00
A 2	134.3	-0.10	1.00	0.00
B 1	132.9	0.93	1.00	0.00
B 2	135.4	-0.93	1.00	0.00
C 1	131.3	2.16	1.00	0.00
C 2	137.1	-2.16	1.00	0.00
	134.2	0.00	1.00	0.00
	137.1	2.16	1.00	0.00
	131.3	-2.16	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

LC : OC — RCC : MATPCC — PCN: 75097A — FILE : PCC75097

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	162	1.00	40	40
2	1	2	2	167	1.00	50	50
3	2	1	2	166	1.00	50	50
4	2	2	1	156	1.00	50	50
			TOTAL	651	4.00	190	190
			AVERAGE	162.8	1.00	47.5	47.5
			MAXIMUM	167	1.00	50	50
			MINIMUM	156	1.00	40	40

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	164.6	-1.09	1.00	0.00
A 2	161.0	1.09	1.00	0.00
B 1	163.9	-0.66	1.00	0.00
B 2	161.7	0.66	1.00	0.00
C 1	159.0	2.31	1.00	0.00
C 2	166.6	-2.31	1.00	0.00

GUCHI EXPERIMENT ANALYSIS — L⁴ ARRAY — 01-Jan-80

E : OC — RCC : MATPCC — PCN: 37649A — FILE : PCC37649

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	63	1.00	227	227
2	1	2	2	62	1.00	204	204
3	2	1	2	61	1.00	204	204
4	2	2	1	61	1.00	204	204
			TOTAL	247	4.00	839	939
			AVERAGE	61.7	1.00	209.8	209.8
			MAXIMUM	63	1.00	227	227
			MINIMUM	61	1.00	204	204

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	62.3	-0.96	1.00	0.00
A 2	61.1	0.96	1.00	0.00
B 1	61.8	-0.17	1.00	0.00
B 2	61.6	0.17	1.00	0.00
C 1	61.8	-0.17	1.00	0.00
C 2	61.6	0.17	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS L8 ARRAY 01-Jan-80

LC : OC RCC : MATPCC PCN: 37730A FILE : PCC37730

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	140	1.00	86	86
2	1	2	2	141	1.00	109	109
3	2	1	2	142	1.00	109	109
4	2	2	1	145	1.00	109	109
			TOTAL	568	4.00	413	413
			AVERAGE	142.	1.00	103.3	103.3
			MAXIMUM	145	1.00	109	109
			MINIMUM	140	1.00	86	86

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	140.5	1.08	1.00	0.00
A 2	143.6	-1.08	1.00	0.00
B 1	141.3	0.51	1.00	0.00
B 2	142.7	-0.51	1.00	0.00
C 1	142.5	-0.35	1.00	0.00
C 2	141.5	0.35	1.00	0.00
	142.0	0.00	1.00	0.00
	143.6	1.08	1.00	0.00
	140.5	-1.08	1.00	0.00

UCHI EXPERIMENT ANALYSIS L8 ARRAY 01-Jan-80

: DC RCC : MATPCC PCN: 38664A FILE : PCC38664

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	7	1.00	60	60
2	1	2	2	8	1.00	63	63
3	2	1	2	7	1.00	63	63
4	2	2	1	8	1.00	63	63
			TOTAL	30	4.00	249	249
			AVERAGE	7.4	1.00	62.3	62.3
			MAXIMUM	8	1.00	63	63
			MINIMUM	7	1.00	60	60

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	7.5	-0.40	1.00	0.00
A 2	7.4	0.40	1.00	0.00
B 1	7.4	1.08	1.00	0.00
B 2	7.5	-1.08	1.00	0.00
C 1	7.5	0.27	1.00	0.00
C 2	7.4	0.27	1.00	0.00
	7.4	0.00	1.00	0.00
	7.5	1.08	1.00	0.00
	7.4	-1.08	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 38666A — FILE : PCC38666

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDICATED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	7	1.00	71	71
2	1	2	2	8	1.00	59	59
3	2	1	2	7	1.00	59	59
4	2	2	1	8	1.00	59	59
			TOTAL	30	4.00	248	248
			AVERAGE	7.5	1.00	62.0	62.0
			MAXIMUM	8	1.00	71	71
			MINIMUM	7	1.00	59	59

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	7.5	0.10	1.00	0.00
A 2	7.5	-0.10	1.00	0.00
B 1	7.4	1.23	1.00	0.00
B 2	7.6	-1.23	1.00	0.00
C 1	7.5	0.37	1.00	0.00
C 2	7.5	-0.37	1.00	0.00
AVERAGE	7.5	0.00	1.00	0.00
MAXIMUM	7.6	1.23	1.00	0.00
MINIMUM	7.4	-1.23	1.00	0.00

GUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

C : OC — RCC : MATPCC — PCN: 3P602A — FILE : PCC79602

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	205	1.00	46	46
2	1	2	2	199	1.00	46	46
3	2	1	2	201	1.00	46	46
4	2	2	1	223	1.00	46	46
			TOTAL	829	4.00	184	184
			AVERAGE	207.3	1.00	46.0	46.0
			MAXIMUM	223	1.00	46	46
			MINIMUM	199	1.00	46	46

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	202.3	2.39	1.00	0.00
A 2	212.3	2.39	1.00	0.00
B 1	203.3	1.91	1.00	0.00
B 2	211.2	-1.91	1.00	0.00
C 1	214.2	-3.34	1.00	0.00
C 2	200.4	3.34	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 39706A — FILE : PCC39706

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	222	1.00	93	93
2	1	2	2	218	1.00	78	78
3	2	1	2	214	1.00	78	78
4	2	2	1	216	1.00	78	78
			TOTAL	872	4.00	327	327
			AVERAGE	217.9	1.00	81.8	81.9
			MAXIMUM	222	1.00	93	93
			MINIMUM	214	1.00	78	78

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	220.4	-1.16	1.00	0.00
A 2	215.3	1.16	1.00	0.00
B 1	218.5	-0.27	1.00	0.00
B 2	217.7	0.27	1.00	0.00
C 1	219.4	-0.69	1.00	0.00
C 2	216.4	0.68	1.00	0.00
	217.9	0.00	1.00	0.00
	220.4	1.16	1.00	0.00
	215.3	-1.16	1.00	0.00

AGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

OC : OC — RCC : MATPCC — PCN: 42089A — FILE : PCC42089

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	174	1.00	252	252
2	1	2	2	181	1.00	269	269
3	2	1	2	176	1.00	269	269
4	2	2	1	183	1.00	269	269
			TOTAL	713	4.00	1059	1059
			AVERAGE	178.4	1.00	264.8	264.8
			MAXIMUM	183	1.00	269	269
			MINIMUM	174	1.00	252	252

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	177.7	0.40	1.00	0.00
A 2	179.1	-0.40	1.00	0.00
B 1	174.9	1.95	1.00	0.00
B 2	181.8	-1.95	1.00	0.00
C 1	178.4	-0.03	1.00	0.00
C 2	178.5	0.03	1.00	0.00
	178.4	0.00	1.00	0.00
	181.9	1.95	1.00	0.00
	174.9	-1.95	1.00	0.00

GUCHI EXPERIMENT ANALYSIS — L8 ARRAY — 01-Jan-80

C : OC — RCC : MATPCC — PCN: 453624 — FILE : PCC45362

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	208	1.00	113	113
2	1	2	2	204	1.00	117	117
3	2	1	2	203	1.00	117	117
4	2	2	1	209	1.00	117	117
			TOTAL	824	4.00	464	464
			AVERAGE	206.0	1.00	116.0	116.0
			MAXIMUM	209	1.00	117	117
			MINIMUM	203	1.00	113	113

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	206.4	-0.17	1.00	0.00
A 2	205.7	0.17	1.00	0.00
B 1	205.5	0.29	1.00	0.00
B 2	206.6	-0.29	1.00	0.00
C 1	208.6	-1.23	1.00	0.00
C 2	203.5	1.23	1.00	0.00
	206.0	0.00	1.00	0.00
	209.6	1.23	1.00	0.00
	203.5	-1.23	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC RCC : MATPCC PCN: 45387A FILE : PCC45387

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	204	1.00	148	168
2	1	2	2	205	1.00	159	159
3	2	1	2	201	1.00	159	159
4	2	2	1	214	1.00	159	159
			TOTAL	824	4.00	645	645
			AVERAGE	206.1	1.00	161.3	161.3
			MAXIMUM	214	1.00	168	168
			MINIMUM	201	1.00	159	159

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	204.5	0.71	1.00	0.00
A 2	207.5	-0.71	1.00	0.00
B 1	202.5	1.72	1.00	0.00
B 2	209.5	-1.72	1.00	0.00
C 1	208.0	-1.21	1.00	0.00
C 2	203.0	1.21	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 48371A

L4 ARRAY 01-Jan-80

FILE : PCC48371

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	212	1.00	98	98
2	1	2	2	219	1.00	109	109
3	2	1	2	217	1.00	109	109
4	2	2	1	217	1.00	109	109
			TOTAL	864	4.00	425	425
			AVERAGE	216.0	1.00	106.3	106.3
			MAXIMUM	219	1.00	109	109
			MINIMUM	212	1.00	98	98

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	215.3	0.36	1.00	0.00
A 2	216.8	-0.36	1.00	0.00
B 1	214.3	0.80	1.00	0.00
B 2	217.8	-0.80	1.00	0.00
C 1	214.3	0.81	1.00	0.00
C 2	217.8	-0.81	1.00	0.00
	216.0	0.00	1.00	0.00
	217.8	0.81	1.00	0.00
	214.3	-0.81	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : NATPCC PCN: 48451A L4 ARRAY 01-Jan-80

FILE : PCC48451

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	230	1.00	105	105
2	1	2	2	243	1.00	120	120
3	2	1	2	230	1.00	120	120
4	2	2	1	239	1.00	120	120
			TOTAL	943	4.00	465	465
			AVERAGE	235.7	1.00	116.3	116.3
			MAXIMUM	243	1.00	120	120
			MINIMUM	230	1.00	105	105

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	236.8	-0.48	1.00	0.00
A 2	234.6	0.48	1.00	0.00
B 1	230.4	2.26	1.00	0.00
B 2	241.0	-2.26	1.00	0.00
C 1	234.7	0.43	1.00	0.00
C 2	236.7	-0.43	1.00	0.00
	235.7	0.00	1.00	0.00
	241.0	2.26	1.00	0.00
	230.4	-2.26	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 48561A L4 ARRAY 01-Jan-80

FILE : PCC48561

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	253	1.00	23	23
2	1	2	2	263	1.00	21	21
3	2	1	2	251	1.00	21	21
4	2	2	1	266	1.00	21	21
			TOTAL	1033	4.00	86	86
			AVERAGE	258.2	1.00	21.5	21.5
			MAXIMUM	266	1.00	23	23
			MINIMUM	251	1.00	21	21

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	258.0	0.07	1.00	0.00
A 2	258.3	-0.07	1.00	0.00
B 1	252.0	2.39	1.00	0.00
B 2	264.3	-2.39	1.00	0.00
C 1	259.6	-0.57	1.00	0.00
C 2	256.7	0.57	1.00	0.00
	258.2	0.00	1.00	0.00
	264.3	2.39	1.00	0.00
	252.0	-2.39	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 48563A

L4 ARRAY 01-Jan-80

FILE : PCC48563

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	256	1.00	28	28
2	1	2	2	268	1.00	29	29
3	2	1	2	254	1.00	29	29
4	2	2	1	277	1.00	29	29
			TOTAL	1056	4.00	115	115
			AVERAGE	264.1	1.00	28.8	28.8
			MAXIMUM	277	1.00	29	29
			MINIMUM	254	1.00	28	28

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	262.3	0.66	1.00	0.00
A 2	265.8	-0.66	1.00	0.00
B 1	255.4	3.29	1.00	0.00
B 2	272.8	-3.29	1.00	0.00
C 1	266.9	-1.07	1.00	0.00
C 2	261.3	1.07	1.00	0.00
	264.1	0.00	1.00	0.00
	272.8	3.29	1.00	0.00
	255.4	-3.29	1.00	0.00

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TAGUCHI EXPERIMENT ANALYSIS L4 ARRAY 01-Jan-80

ALC : OC RCC : MATPCC PCN: 95015A FILE : PCC95015

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	51	1.00	99	99
2	1	2	2	54	1.00	95	95
3	2	1	2	54	1.00	95	95
4	2	2	1	55	1.00	95	95
			TOTAL	214	4.00	384	384
			AVERAGE	53.5	1.00	96.0	96.0
			MAXIMUM	55	1.00	99	99
			MINIMUM	51	1.00	95	95

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	52.2	2.43	1.00	0.00
A 2	54.8	-2.43	1.00	0.00
B 1	52.4	1.94	1.00	0.00
B 2	54.5	-1.94	1.00	0.00
C 1	53.0	0.82	1.00	0.00
C 2	53.9	-0.82	1.00	0.00
	53.5	0.00	1.00	0.00
	54.8	2.43	1.00	0.00
	52.2	-2.43	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 95038A L4 ARRAY 01-Jan-80

FILE : PCC95038

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	44	1.00	32	32
2	1	2	2	57	1.00	29	29
3	2	1	2	59	1.00	29	29
4	2	2	1	58	1.00	29	29
			TOTAL	219	4.00	119	119
			AVERAGE	54.7	1.00	29.8	29.8
			MAXIMUM	59	1.00	32	32
			MINIMUM	44	1.00	29	29

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	50.6	7.55	1.00	0.00
A 2	58.8	-7.55	1.00	0.00
B 1	51.5	5.85	1.00	0.00
B 2	57.9	-5.85	1.00	0.00
C 1	51.0	6.75	1.00	0.00
C 2	58.4	-6.75	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC RCC : MATPCC PCN: 95052A FILE : PCC95052

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	66	1.00	53	53
2	1	2	2	76	1.00	43	43
3	2	1	2	70	1.00	43	43
4	2	2	1	76	1.00	43	43
			TOTAL	288	4.00	182	182
			AVERAGE	72.1	1.00	45.5	45.5
			MAXIMUM	76	1.00	53	53
			MINIMUM	66	1.00	43	43

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	71.2	1.20	1.00	0.00
A 2	72.9	-1.20	1.00	0.00
B 1	67.8	5.93	1.00	0.00
B 2	76.3	-5.93	1.00	0.00
C 1	71.2	1.18	1.00	0.00
C 2	72.9	-1.18	1.00	0.00
	72.1	0.00	1.00	0.00
	76.3	5.93	1.00	0.00
	67.8	-5.93	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 95058A L4 ARRAY 01-Jan-80

FILE : PCC95058

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	64	1.00	33	33
2	1	2	2	56	1.00	41	41
3	2	1	2	53	1.00	41	41
4	2	2	1	55	1.00	41	41
			TOTAL	229	4.00	156	156
			AVERAGE	57.2	1.00	39.0	39.0
			MAXIMUM	64	1.00	41	41
			MINIMUM	53	1.00	33	33

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	60.3	-5.53	1.00	0.00
A 2	54.0	5.53	1.00	0.00
B 1	58.4	-2.18	1.00	0.00
B 2	55.9	2.18	1.00	0.00
C 1	59.9	-4.74	1.00	0.00
C 2	54.4	4.74	1.00	0.00
	57.2	0.00	1.00	0.00
	60.3	5.53	1.00	0.00
	54.0	-5.53	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 95086A — FILE : PCC95086

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	71	1.00	58	58
2	1	2	2	80	1.00	52	52
3	2	1	2	72	1.00	52	52
4	2	2	1	81	1.00	52	52
			TOTAL	304	4.00	214	214
			AVERAGE	76.1	1.00	53.5	53.5
			MAXIMUM	81	1.00	58	58
			MINIMUM	71	1.00	52	52

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	75.7	0.49	1.00	0.00
A 2	76.5	-0.49	1.00	0.00
B 1	71.4	6.20	1.00	0.00
B 2	80.8	-6.20	1.00	0.00
C 1	76.0	0.08	1.00	0.00
C 2	76.1	-0.08	1.00	0.00
	76.1	0.00	1.00	0.00
	80.8	6.20	1.00	0.00
	71.4	-6.20	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 95104A — FILE : PCC95104

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	66	1.00	52	52
2	1	2	2	71	1.00	53	53
3	2	1	2	72	1.00	53	53
4	2	2	1	67	1.00	53	53
			TOTAL	277	4.00	211	211
			AVERAGE	69.3	1.00	52.8	52.8
			MAXIMUM	72	1.00	53	53
			MINIMUM	66	1.00	52	52

	FLOW TIME		THRU PUT	
FACTOR	EFFECT	PERCENT	EFFECT	PERCENT
A 1	68.7	0.77	1.00	0.00
A 2	69.8	-0.77	1.00	0.00
B 1	69.4	-0.19	1.00	0.00
B 2	69.1	0.19	1.00	0.00
C 1	66.9	3.47	1.00	0.00
C 2	71.7	-3.47	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALC : OC RCC : MATPCC PCN: 95108A

L4 ARRAY 01-Jan-80

FILE : PCC95108

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	49	1.00	23	23
2	1	2	2	44	1.00	21	21
3	2	1	2	44	1.00	21	21
4	2	2	1	44	1.00	21	21
			TOTAL	180	4.00	86	86
			AVERAGE	45.0	1.00	21.5	21.5
			MAXIMUM	49	1.00	23	23
			MINIMUM	44	1.00	21	21

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	46.4	-2.98	1.00	0.00
A 2	43.7	2.98	1.00	0.00
B 1	46.3	-2.81	1.00	0.00
B 2	43.8	2.81	1.00	0.00
C 1	46.2	-2.64	1.00	0.00
C 2	43.9	2.64	1.00	0.00
	45.0	0.00	1.00	0.00
	46.4	2.98	1.00	0.00
	43.7	-2.98	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 95111A — FILE : PCC95111

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	105	1.00	24	24
2	1	2	2	112	1.00	21	21
3	2	1	2	107	1.00	21	21
4	2	2	1	106	1.00	21	21
			TOTAL	431	4.00	87	87
			AVERAGE	107.8	1.00	21.8	21.8
			MAXIMUM	112	1.00	24	24
			MINIMUM	105	1.00	21	21

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	108.9	-1.03	1.00	0.00
A 2	106.7	1.03	1.00	0.00
B 1	106.1	1.54	1.00	0.00
B 2	109.4	-1.54	1.00	0.00
C 1	105.9	1.78	1.00	0.00
C 2	109.7	-1.78	1.00	0.00
	107.8	0.00	1.00	0.00
	109.7	1.78	1.00	0.00
	105.9	-1.78	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 95131A — FILE : PCC95131

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	61	1.00	121	121
2	1	2	2	62	1.00	143	143
3	2	1	2	60	1.00	143	143
4	2	2	1	59	1.00	143	143
			TOTAL	242	4.00	550	550
			AVERAGE	60.4	1.00	137.5	137.5
			MAXIMUM	62	1.00	143	143
			MINIMUM	59	1.00	121	121

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	61.6	-2.05	1.00	0.00
A 2	59.1	2.05	1.00	0.00
B 1	60.5	-0.19	1.00	0.00
B 2	60.3	0.19	1.00	0.00
C 1	60.1	0.43	1.00	0.00
C 2	60.6	-0.43	1.00	0.00
	60.4	0.00	1.00	0.00
	61.6	2.05	1.00	0.00
	59.1	-2.05	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 [illegible] — 01-Jan-80

ALC : OC — RCC : [illegible]PCC — PCN: 95133A — FILE : PCC95133

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	52	1.00	15	15
2	1	2	2	53	1.00	18	18
3	2	1	2	54	1.00	18	18
4	2	2	1	57	1.00	18	18
			TOTAL	216	4.00	69	69
			AVERAGE	54.1	1.00	17.3	17.3
			MAXIMUM	57	1.00	18	18
			MINIMUM	52	1.00	15	15

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	52.4	3.10	1.00	0.00
A 2	55.8	-3.10	1.00	0.00
B 1	52.9	2.22	1.00	0.00
B 2	55.3	-2.22	1.00	0.00
C 1	54.5	-0.71	1.00	0.00
C 2	53.7	0.71	1.00	0.00
	54.1	0.00	1.00	0.00
	55.8	3.10	1.00	0.00
	52.4	-3.10	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS — L4 ARRAY — 01-Jan-80

ALC : OC — RCC : MATPCC — PCN: 95188A — FILE : PCC95188

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INDUCTED FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	63	1.00	18	18
2	1	2	2	59	1.00	17	17
3	2	1	2	62	1.00	17	17
4	2	2	1	63	1.00	17	17
			TOTAL	248	4.00	69	69
			AVERAGE	61.9	1.00	17.3	17.3
			MAXIMUM	63	1.00	18	18
			MINIMUM	59	1.00	17	17

	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	61.0	1.44	1.00	0.00
A 2	62.8	-1.44	1.00	0.00
B 1	62.7	-1.24	1.00	0.00
B 2	61.1	1.24	1.00	0.00
C 1	63.3	-2.27	1.00	0.00
C 2	60.5	2.27	1.00	0.00
AVERAGE	61.9	0.00	1.00	0.00
MAXIMUM	63.3	2.27	1.00	0.00
MINIMUM	60.5	-2.27	1.00	0.00

TAGUCHI EXPERIMENT ANALYSIS

ALG : DE RCC : MATPCC PCN. [illegible]

FILE : [illegible]

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME RESULT	THRU PUT RESULT	TOTAL INCIDENTS FOR RUN	NET THRU PUT FOR RUN
1	1	1	1	51	1.00	97	97
2	1	2	2	52	1.00	97	97
3	2	1	2	51	1.00	97	97
4	2	2	1	52	1.00	97	97
			TOTAL	206	4.00	388	388
			AVERAGE	51.5	1.00	97.0	97.0
			MAXIMUM	52	1.00	97	97
			MINIMUM	51	1.00	97	97

FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
A 1	[illegible]	[illegible]	0.00	0.00
A 2	[illegible]	[illegible]	0.00	0.00
B 1	[illegible]	[illegible]	0.00	0.00
B 2	[illegible]	[illegible]	0.00	0.00
C 1	51.5	[illegible]	1.00	0.00
C 2	51.5	[illegible]	1.00	0.00

FACTORIAL EXPERIMENT ANALYSIS

PCC : 3C PCC : MAYPCC PCN: [illegible] FILE : [illegible]

RUN NO.	FACTOR A LEVEL	FACTOR B LEVEL	FACTOR C LEVEL	FLOW TIME THRU PUT RESULT	TOTAL THRU PUT RESULT FOR RUN	NET THRU PUT FOR RUN	FACTOR	FLOW TIME EFFECT	FLOW TIME PERCENT	THRU PUT EFFECT	THRU PUT PERCENT
1	1	1	1	51	1.00	97	97	1 1	[illegible]	[illegible]	[illegible]
2	1	2	2	51	1.00	97	97	A 2	[illegible]	[illegible]	[illegible]
3	2	1	2	51	1.00	97	97	B 1	[illegible]	[illegible]	[illegible]
4	2	2	1	52	1.00	97	97	B 2	[illegible]	[illegible]	[illegible]
							1 1	51.0	[illegible]	[illegible]	[illegible]
							2 2	51.4	[illegible]	[illegible]	[illegible]
		TOTAL		206	4.00	388	388				
		AVERAGE		51.5	1.00	97.0	97.0		[illegible]	[illegible]	[illegible]
		MAXIMUM		52	[illegible]	97	97		[illegible]	[illegible]	[illegible]
		MINIMUM		51	[illegible]	97	97		[illegible]	[illegible]	[illegible]

FACTORIAL EXPERIMENT ANALYSIS

VAR : CC PCC : MATPCC

RUN NO.	FACTOR 1 LEVEL	FACTOR 2 LEVEL	FACTOR C LEVEL	FLOW TYPE RESULT	TOTAL PCT RESULT	TOTAL INJECTED FOR RUN	NET PARTICLE FOR RUN	FACTOR	FLOW TYPE EFFECT	FLOW TYPE PERCENT	TOTAL PCT EFFECT	TOTAL PCT PERCENT
1	1	1	1	52	1.00	179	179	1 1	57.5	0.00	1.00	0.00
2	1	2	2	61	1.00	184	184	2 2	59.1	-5.00	1.00	0.00
3	2	1	2	68	1.00	174	174	3 1	57.1	5.00	1.00	0.00
4	2	2	1	63	1.00	183	183	3 2	57.5	-8.00	1.00	0.00
								1 2	59.1	5.00	1.00	0.00
								2 1	57.1	-5.00	1.00	0.00
			TOTAL	231	4.00	720	721					
			AVERAGE	57.8	1.00	180.0	180.2		57.8	0.00	1.00	0.00
			MAXIMUM	61	1.00	184	184		57.5	4.00	1.00	0.00
			MINIMUM	52	1.00	174	174		57.1	-8.00	1.00	0.00

11.0 QUICK FIXES

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. ___

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC- DATE 5/25/89
RCC MATPCS ITEM NO. _____
NOUN _____

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

CURRENT METHOD

SAFETY GLASS REQUIRED signs are NOT AS VISIBLE as they should be

PROPOSED METHOD

RAISE ALL SAFETY SIGNS TO eye level in aisles

BENEFIT OF CHANGE

Prevent accidents

PRODUCTIVITY IMPROVEMENT SUMMARY

ISC-20131A

TECH OGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. #2

TYPE PROPOSAL
- [x] QUICK FIX
- [x] FOCUS STUDY
- [ ] OTHER

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 5-3-89
RCC MATPC ITEM NO. 49582A
NOUN ~~fuel flow~~ transmitter

CURRENT METHOD

Block bolt needs means of securing compensator block. Operator has presented proble - but no one was interested untill one mond snapped so the valve was blocked. The fuel could not be turned off. Luckly aircraft was on the ground. New units were pulled from supply. 9 of 12 were loose. Problem given back to vendor. ..... ref: Mac McCreight operator
Vendor - Coal Sunburn

PROPOSED METHOD

provide 1) "good" replacement parts or 2) a means to secure compensator block as a repair.

BENEFIT OF CHANGE

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. CC 2

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 4-28-89
RCC MATPCC ITEM NO. Misc
NOUN ~~fuel flow transmitter~~ QFD

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

CURRENT METHOD

Vender part is defective. Gear plate assy - 405-025-001 is received with legs uneven (20 to 30%)

(# 3 11)

PROPOSED METHOD

develop incoming inspection or Vender site inspection to keep bad parts from coming into production area. Present - purge stock of bad parts.

BENEFIT OF CHANGE

Time loss is .2 hr/unit plus time to return parts to vender or + cost of parts trashed because its easier & cheaper than to do req used Paper work.

PRODUCTIVITY IMPROVEMENT SUMMARY

ISC-20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. _____

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 30 May 1989
RCC MATRL ITEM NO. 42089A/45362A/48371A/61207A/61264A
NOUN Fuel Flow Transmitters

CURRENT METHOD

When the impeller unit (6620-00-463-7489) in these assemblies becomes worn it is discarded and a new impeller purchased. These units are discarded at an approximate average of 200 units per year, and a cost of $481.80 each. the current cost to the USAF is $96,360.

PROPOSED METHOD USAF suggestion # 861138 describes a procedure whereby the impeller can be repaired for a cost (materials and labor) of approximately $15.00 per impeller. Implementation of this suggestion would require no capital investment (all required machinery is currently in use at OC-ALC Bldg 3001), no additional training, and is recommended for immediate action.

BENEFIT OF CHANGE This change will save the USAF approximately $93,360 per year. During a wartime surge effort, when new impellers may be difficult to obtain from overworked vendors, this in-house repair capability would substantially improve readiness.

PRODUCTIVITY IMPROVEMENT SUMMARY

Implementing this suggestion (first submitted on an AF Form 1000 in 1986, by OC-ALC employees) will save the USAF almost $100,000 per year. The delays to date (awaiting a Tech order rewrite by a 3rd party vendor) have already cost the USAF almost $300,000. The suggestor (W.K. McCreight) was recently directed to discard the over 400 impellers he had stockpiled awaiting approval [illegible]

LSC-20131A

TECH' OGY INSERTION ENGINEERING
SERVI.. S PROGRAM

CONTROL NO. C #6

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 5-15-89
RCC MATPCC ITEM NO. 95131A, 95044A, 49851A
NOUN Actuators

TYPE PROPOSAL
- ☒ QUICK FIX
- ☐ FOCUS STUDY
- ☐ OTHER _____

CURRENT METHOD

Motors removed for actuator are considered exchange. Repair is not allowed or parts are not available. New motors can not be ordered until the unit has been torn down and motor is ready to turn in. The disassembled unit is then set aside until motor is received. Flow time is lost - 10 day to 3 weeks

PROPOSED METHOD

Allow unit to keep one or two motors in stock. As used the motors would be replaced by turning in old motors.

BENEFIT OF CHANGE

decrease flow time required by 8 to 9½ hrs.

PRODUCTIVITY IMPROVEMENT SUMMARY

ISC-20131A

TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. CC 54

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL

- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER _____

ALC OC DATE 5-18-89
RCC MATPEC ITEM NO. _____
NOUN Actuators (10) PCN's QFO

CURRENT METHOD

Springs required in slip clutch type actuators are coming in 2 new. The vendor 1/32 to 3/16 too long as shown by "x". Springs are supose to have been UR'd but there were about 12 in Parts bin. Vendor agreeded it was too long. It will be a long time before new ones are due. Spring PN 532440-1. Using long spring causes damage to gear & gear shaft $180.00 ea.

PROPOSED METHOD

Supply correct springs. Attempts to correct springs in house failed.

Need either source inspection or RECEIVING Inspection

BENEFIT OF CHANGE

PRODUCTIVITY IMPROVEMENT SUMMARY

ISC-20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. ____

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

QFO

TYPE PROPOSAL
- [x] QUICK FIX
- [ ] FOCUS STUDY
- [ ] OTHER ____

ALC OC DATE 24 May 89
RCC MATPCC ITEM NO. N/A
NOUN N/A

CURRENT METHOD

Individual Operators take work-in-progress to backshops (Paint shop and Dye Penetrant) without scheduling or logging the part out of the RCC. RCC management is unable identify backshop flow problems or work to solve them in a timely manner. The loss of an operator (Permanent or Temporary) means the loss of work-in-progress data.

PROPOSED METHOD

When a part is taken to another RCC, it should be logged out in a log kept in the tag printing office. The entry should include PCN, Serial #, Operator name, destination, date and time out, and projected time of return. When a part is returned, the time and date should be logged on the same entry.

BENEFIT OF CHANGE

MATPCC management would have a tool to identify, track and resolve work flow problems with other RCCs, in a timely manner. Work-in-process volume and accountability would be greatly enhanced.

PRODUCTIVITY IMPROVEMENT SUMMARY

The result of this change would be better control of the RCC's processes, without any direct cost savings identifiable. The cost to implement this change would be negligible.

ISC-20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. CC #5

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 5-15-89
RCC MATPCC ITEM NO. 30033A, 34107A
NOUN wiring harness

TYPE PROPOSAL
- ☒ QUICK FIX
- ☐ FOCUS STUDY
- ☐ OTHER _____

CURRENT METHOD

all ~~attached~~ PIO CC #5, APPENDIX 13.3

PROPOSED METHOD

BENEFIT OF CHANGE

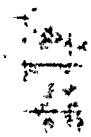
.8 hours reduced by .4 to .6 hrs per unit dependence on what is done to correct unit.

- 4hrs x 34.26/hr x (20 (30033A) + 30 (34107A)) units/Quarter x 4 quarters = $2740. per
- 6hrs x 34.26 x 50 x 4 = $4111 per

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

12.0 FOCUS STUDIES



TECHNOLOGY INSERTION ENGINEERING SERVICES PROGRAM

CONTROL NO. _____

TYPE PROPOSAL
- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC-ALC DATE 25 May 89
RCC MATPCC ITEM NO. _____
NOUN _____

CURRENT METHOD

Workers in MATPCC often repair/rework new items rather than reject them. This hides the problem of poor vender quality and generates an expensive "hidden factory" within the RCC. This is a commonly reported problem in numerous RCCs. For some vender parts we have been given estimates of as much as 30% received in an unserviceable condition.

PROPOSED METHOD We propose a focus study to; identify ([redacted]-wide) these parts which are causing 80% of the problem, determine the extent and cost of the situation, and develop a program of recommended changes in vender management, [redacted] receiving inspections and rejection procedures to correct the problem. The result will be a system of Total Quality Management where only 100% quality is accepted at each stage of the production process and quality problems are immediately highlighted for management action.

BENEFIT OF CHANGE Instituting a [redacted] 100% quality management system will substantially reduce the cost and flow time for those processes with quality problems. This system will also enhance the total quality of end items delivered to the active military units in the field and give [redacted] managers and workers a method of quickly evaluating the effects of proposed process changes.

PRODUCTIVITY IMPROVEMENT SUMMARY

Given the breadth of the problem, improvements cannot be quantified within the scope of this recommendation. A major portion of the Focus Study effort will be to determine the costs of the current situation and project savings [redacted] generated by implementation of the solutions developed.

LSC-20131A

TECHNOLOGY INSERTION ENGINEERING
SERVICES PROGRAM

CONTROL NO. _____

TYPE PROPOSAL
- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

ALC OC DATE 25 May 89
RCC MATPCC ITEM NO. _____
NOUN _____

CURRENT METHOD [redacted] WG-9/10 mechanics in MATPCC routinely carry parts to and from other RCCs and supply. Workers (Not material-handlers) and supervisors from other RCCs walk to MATPCC to pick up [redacted] tags which are printed there. Although an extensive material handling system is in place at OC-ALC, it is either inadequate or is not being used for another reasons. This informal "do-it-yourself" material handling procedure adds greatly to the cost of material handling with no obvious benefits.

PROPOSED METHOD Where possible, the existing system of overhead conveyors and other material-handling tools should be used. Material handling should be performed by Mat'l handlers rather than more highly-skilled (and Paid) production workers. The reasons why this is not being done must be studied and a plan to insure the maximum use of material handling assets developed. Any problems with the existing system will be identified by the focus study and recommended corrective plan developed.

BENEFIT OF CHANGE The current "do-it-yourself" hand carry method ands a hidden cost to [redacted] MATPCC material handling and hides any quality problems in the formal mat'l handling system. The benefits of this focus study would be the identification of and elimination of excessive labor costs in the mat'l handling process (WG-5 mat'l handlers replace WG-10s), increased availability of skilled workers for other tasks, and 100% quality acceptance program for mat'l handling.

PRODUCTIVITY IMPROVEMENT SUMMARY

The total cost is impossible to quantify without the detailed study called for in this recommended focus study.

LSC-20131A

TECH[illegible]OGY INSERTION ENGINEERING
SERVI[illegible] PROGRAM

CONTROL NO. __

TI PROGRAM
COST BENEFIT ANALYSIS REPORT

TYPE PROPOSAL

- ☐ QUICK FIX
- ☒ FOCUS STUDY
- ☐ OTHER _____

ALC OC DATE 5/30/89
RCC ALL ITEM NO. _____
NOUN Supervision

CURRENT METHOD

One supervisor for 25 mechanics

PROPOSED METHOD

* Change ratio to 1 supervisor to 30 mechanics (average), with the increased years of experience and the age of the equip. maint. to be repaired, training and new hire is not a large burden on supervision. This same thinking can be use of the Unit Chief & Section Chief level.
* this should NOT be implemented on start up operations without licensed support people.

BENEFIT OF CHANGE

Reduce cost of supervision by 17%

PRODUCTIVITY IMPROVEMENT SUMMARY

LSC-20131A

#2.3

APPENDIX A

E046B STANDARDS, 1988, 1989

MTPC LABOR STANDARD MASTER FILE [redacted] A-E0468-MM3-MX-290 PAGE 1

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	00210	B	45371	CAPSTAN	99289-04	210N	BY 1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	45373	CAPSTAN	99289-04	210N	BY 1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	45375	CAPSTAN	99289-04	210N	BY 1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	80026	AILERON CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80027	RUDDER CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80028	ELEVATOR CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80166	CK-TST-REP WA PU 6156		202N	BY 1.00	EA	N	4.90	82044		K	.0
MTPCC	4	00210	B	80175	BATT MA-4	MS24497-1	202N	BY 1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00210	B	80176	BATT-A/C	MS24497-5	202N	BY 1.00	EA	N	4.00	82051		K	.0
MTPCC	4	00210	B	80177	BAT-INS	7888701-11	202N	BY 1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00210	B	80180	BATTERY		112N	BY 1.00	EA	N	.50	81353		K	.0
MTPCC	1	00210	B	80185	BATTERY		112N	BY 1.00	EA	N	.50	81353		K	.0
MTPCC	1	00215	B	80026	AILERON CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00215	B	80027	RUDDER CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00215	B	80028	ELEVATOR CAPSTAN 99289-04			BY 1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00215	B	80166	CK-TST-REP WA PU 6156		202N	BY 1.00	EA	N	4.90	82044		K	.0
MTPCC	4	00215	B	80175	BATT MA-4	MS24497-1	202N	BY 1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00215	B	80176	BATT-A/C	MS24497-5	202N	BY 1.00	EA	N	4.00	82051		K	.0
MTPCC	4	00215	B	80177	BAT-INS	7888701-11	202N	BY 1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00220	B	80166	CK-TST-REP WA PU		202N	BY 1.00	EA	N	4.90	82044		K	.0
MTPCC	4	00220	B	80175	BAT MA4		202N	BY 1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00220	B	80176	BAT A/C	MS24497-5	202N	BY 1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00230	B	80166	CK-TEST WA PU	6156	001N	BY 1.00	EA	N	4.90	80167		K	.0
MTPCC	4	00230	B	80175	BATT MA4	MS24497+1	001N	BY 1.00	EA	N	5.40	80167		K	.0
MTPCC	4	00230	B	80176	BAT A/C	MS24497+5	001N	BY 1.00	EA	N	4.00	80167		K	.0
MTPCC	4	00230	B	80177	BATT INS	788870+11	001N	BY 1.00	EA	N	4.00	80167		K	0

F2.3

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	4	00259	B	80175	BATT MA4 MS24497+1 001N	BY	1.00	EA	N	5.40	80167		K	.0
MTPCC	4	00260	B	80176	BATT- A/C MS24497+5 001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	4	00260	B	80177	BATT 7888701+11 001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	1	00279	B	80028	AILERON CAPSTAN 99289-04	BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00280	B	80028	ELEVATOR CAPSTAN 99289-04	BY	1.00	EA	N	4.12	88251		K	0
MTPCC	4	00280	B	80175	BATT MA-4 MS24497-1 202N	BY	1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00280	B	80176	BATT-A/C MS24497-5 202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	4	00280	D	80809	BAT-INS 7888701-11 202N	BY	1.00	E/	N	4.00	82051		K	.0
MTPCC	1	00285	B	80028	AILERON CAPSTAN 99289-04	BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00285	B	80028	ELEVATOR CAPSTAN 99289-04	BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	4	00285	B	80175	BATT MA-4 MS24497-1 202N	BY	1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00285	B	80176	BATT-A/C MS24497-5 202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	4	00285	B	80809	BAT-INS 7888701-11 202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00416	B	80119	B52 CONV W/S WIPER D18716-1	BY	1.00	EA	N	.01	81137		K	.0
MTPCC	1	00416	B	80120	B52 CONV W/S WIPER D18716-1	BY	1.00	EA	N	.01	81137		K	.0
MTPCC	1	09886	A	00M10	PAINT	AY	1.00	EA	N	1.00	87335		K	.0
MTPCC	1	23005	G	00M05	TDR ENG ACCYS 202N	DY	1.00	EA	N	.86	82044		K	.0
MTPCC	1	23009	G	00M05	TDR ENG ACCYS 311N	DY	1.00	EA	N	.86	82044		K	.0
MTPCC	1	23036	G	00M10	TDR ENG ACCYS 102N	DY	1.00	EA	N	.86	81015		K	.0
MTPCC	1	23100	G	00M05	TDR ENG ACCYS 102N	DY	1.00	EA	N	.86	81015		K	.0
MTPCC	1	23103	A	00M53	OH/REP IGNITION TRANSFORMER	DY	1.00	EA	N	.40	84361		K	.0
MTPCC	1	23103	A	00M54	CABLE 42189	DY	1.00	EA	N	5.10	84361		K	.0
MTPCC	1	23103	A	00M55	CABLE 42190	DY	1.00	EA	N	5.00	86303		K	.0
MTPCC	1	23103	A	00M56	CABLE 42191	DY	1.00	EA	N	4.30	84361		K	.0
MTPCC	1	23103	A	00M57	CABLE 42347	DY	1.00	EA	N	4.20	84361		K	.0
MTPCC	1	23103	B	00M69	MISC CABLE	DY	1.00	EA	N	2.50	85297		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23107	A	00M53	OH/REP IGNITION TRANSFORMER	DY	1.00	EA	N	.40	84361		K	.0
MTPCC	1	23107	A	00M54	CABLE 42189	DY	1.00	EA	N	5.10	84361		K	.0
MTPCC	1	23107	A	00M55	CABLE 42190	DY	1.00	EA	N	5.00	86303		K	.0
MTPCC	1	23107	A	00M56	CABLE 42191	DY	1.00	EA	N	4.30	84361		K	.0
MTPCC	1	23107	A	00M57	CABLE 42347	DY	1.00	EA	N	4.20	84361		K	.0
MTPCC	1	23107	B	00M68	MISC CABLE	DY	1.00	EA	N	2.50	85297		K	.0
MTPCC	1	23109	A	00M53	OH/REP IGNITION TRANSFORMER	DY	1.00	EA	N	.40	84361		K	.0
MTPCC	1	23109	A	00M54	CABLE 42189	DY	1.00	EA	N	5.10	84361		K	.0
MTPCC	1	23109	A	00M55	OH/REP CABLE	DY	1.00	EA	N	5.00	86303		K	.0
MTPCC	1	23109	A	00M56	CABLE 42191	DY	1.00	EA	N	4.30	84361		K	.0
MTPCC	1	23109	A	00M57	CABLE 42347	DY	1.00	EA	N	4.20	84361		K	.0
MTPCC	1	23109	B	00M69	MISC CABLE	DY	1.00	EA	N	2.50	85297		K	.0
MTPCC	1	23111	A	00M52	LEAD-LH 10-380111-1 111N	DY	1.00	EA	N	3.87	85319		K	.0
MTPCC	1	23111	A	00M53	LEAD-RH 10-380110-1 111N	DY	1.00	EA	N	3.87	85319		K	0
MTPCC	1	23111	A	00M55	LEAD 2EA. 10-380463-1 111N	DY	1.00	EA	N	5.36	85319		K	.0
MTPCC	1	23111	A	00M60	CABLE 10-352825-1 804N	DY	1.00	EA	N	1.00	85337		K	.0
MTPCC	1	23111	A	00M70	CABLE HAD14475	DY	1.00	EA	N	.74	85337		K	.0
MTPCC	1	23111	B	00M60	CABLE 10-352825-1 804N	DY	1.00	EA	N	.50	84105		K	.0
MTPCC	1	23111	B	00M69	MISC CABLE 309N	DY	1.00	EA	N	2.50	85297		A	.0
MTPCC	1	23119	A	00M53	OH/REP IGNITION TRANSFORMER	DY	1.00	EA	N	.40	84361		F	.0
MTPCC	1	23119	A	00M54	CABLE 42189	DY	1.00	EA	N	5.10	84361		F	.0
MTPCC	1	23119	A	00M55	OH/REP CABLE	DY	1.00	EA	N	5.00	86303		F	.0
MTPCC	1	23119	A	00M56	CABLE 42191	DY	1.00	EA	N	4.30	84361		F	.0
MTPCC	1	23119	A	00M57	CABLE 42347	DY	1.00	EA	N	4.20	84361		F	.0
MTPCC	1	23301	A	00M50	CABLE EXCTR R/S/I 49110-102N	DY	1.00	EA	N	.68	82044		K	.0
MTPCC	1	23301	A	00M51	CABLE EXCTR L/S/I 49111 102N	DY	1.00	EA	N	.68	82044		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23301	A	00M52	CABLE TC REAR	484340	102N	DY	1.00	EA	N	.93	82044		K	.0
MTPCC	1	23301	A	00M53	CABLE TC FRONT	481619	102N	DY	1.00	EA	N	.93	82044		K	.0
MTPCC	1	23301	A	00M69	MIS CABLE REP		102N	DY	1.00	EA	N	.25	81015		K	.0
MTPCC	1	23301	B	00M50	CABLE EXCTR R/S/I	49110	202N	DY	1.00	EA	N	.34	82044		K	.0
MTPCC	1	23301	B	00M51	CABLE EXCTR L/S/I	49111	202N	DY	1.00	EA	N	.34	82044		K	.0
MTPCC	1	23301	B	00M52	CABLE T/C REAR	484340	202N	DY	1.00	EA	N	.46	82044		K	.0
MTPCC	1	23301	B	00M53	CABLE TC FRONT	481619	202N	DY	1.00	EA	N	.46	82044		K	.0
MTPCC	1	23301	B	00M69	MISC CABLE REPAIR		202N	DY	1.00	EA	N	.25	82044		K	0
MTPCC	1	23302	A	00M50	O/H CABLE 40780			DY	1.00	EA	N	1.36	86336		K	.0
MTPCC	1	23302	A	00M52	O/H CABLE 434505			DY	1.00	EA	N	.93	86322		K	.0
MTPCC	1	23302	A	00M53	O/H CABLE 41039			DY	1.00	EA	N	4.21	86336		K	.0
MTPCC	1	23302	A	00M54	O/H CABLE 41038			DY	1.00	EA	N	4.21	86336		K	.0
MTPCC	1	23305	A	00M50	CABLE 40780		102N	DY	1.00	EA	N	1.36	81015		K	.0
MTPCC	1	23305	A	00M51	SWITCH	481695		DY	1.00	EA	N	2.05	87113		K	.0
MTPCC	1	23305	A	00M52	CABLE 434505		102N	DY	1.00	EA	N	.93	81015		K	.0
MTPCC	1	23305	A	00M53	HARNESS 41039		102N	DY	1.00	EA	N	4.21	81015		K	.0
MTPCC	1	23305	A	00M54	HARNESS 41038		102N	DY	1.00	EA	N	4.21	81015		K	.0
MTPCC	1	23305	A	00M69	MISC CABLE REPAIR		102N	DY	1.00	EA	N	.25	81015		K	.0
MTPCC	1	23305	A	00M93	ENGINE ACCESS		102N	DY	1.00	EA	N	11.10	82044		K	.0
MTPCC	1	23305	A	CBM51	CABLE TR REAR		102N	DY	1.00	EA	N	.68	81015		K	.0
MTPCC	1	23305	B	00M51	SWITCH	377102	202N	DY	1.00	EA	N	2.05	82051		K	.0
MTPCC	1	23305	B	00M52	CABLE 434505		102N	DY	1.00	EA	N	.27	81015		K	.0
MTPCC	1	23305	B	00M53	CABLE 41039		102N	DY	1.00	EA	N	.90	81015		K	.0
MTPCC	1	23305	B	00M54	CABLE 41038		102N	DY	1.00	EA	N	1.59	81015		K	.0
MTPCC	1	23305	B	00M69	MISC CABLE REPAIR		102N	DY	1.00	EA	N	.33	81015		K	.0
MTPCC	1	23305	B	CBM51	CABLE TC REAR	421486	102N	DY	1.00	EA	N	.77	81015		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23306	B	00M60	CABLE 40780	102N	DY	1.00	EA	N	.22	81015		K	.0
MTPCC	1	23307	A	00M50	CABLE 41804	106N	DY	1.00	EA	N	4.01	81137		K	.0
MTPCC	1	23307	A	00M51	HI-TENS LEAD	102N	DY	1.00	EA	N	4.29	81015		K	.0
MTPCC	1	23307	A	00M52	484340	106N	DY	1.00	EA	N	1.01	82044		K	.0
MTPCC	1	23307	A	00M53	CABLE 481819	106N	DY	1.00	EA	N	1.01	82044		K	.0
MTPCC	1	23307	A	00M89	MIS CABLE REP	106N	DY	1.00	EA	N	.33	81137		K	.0
MTPCC	1	23309	A	00M50	CABLE 42053	102N	DY	1.00	EA	N	4.66	81017		K	.0
MTPCC	1	23309	A	00M51	CABLE 42054	102N	DY	1.00	EA	N	4.66	81017		K	.0
MTPCC	1	23309	A	00M52	CABLE 434505	102N	DY	1.00	EA	N	.93	81017		K	.0
MTPCC	1	23309	A	00M89	MISC CABLE	102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	23309	B	00M51	CABLE HT 42054	102N	DY	1.00	EA	N	.93	81017		K	.0
MTPCC	1	23309	B	00M89	MISC CABLE REPAIR	102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	23309	B	00M90	CABLE 42053	102N	DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	23313	A	00M15	O/H CABLE 419323		DY	1.00	EA	N	1.86	86256		K	.0
MTPCC	1	23313	A	00M50	O/H CABLE 448617		DY	1.00	EA	N	1.86	86256		K	.0
MTPCC	1	23313	A	00M53	RECOND CABLE 10-166496-1		DY	1.00	EA	N	.85	86259		K	.0
MTPCC	1	23313	A	00M54	O/H CABLE 10-166497-1		DY	1.00	EA	N	.85	86256		K	.0
MTPCC	1	23313	A	00M55	O/H CABLE 10-166498-1		DY	1.00	EA	N	.77	86256		K	.0
MTPCC	1	24101	A	00M66	TF41 T5 TEMP BOX 6861895		DY	1.00	EA	N	.71	86220		K	.0
MTPCC	1	24101	A	00M67	TF41 THERMO T-1 6866874		DY	1.00	EA	N	.73	86209		K	.0
MTPCC	1	24101	A	00M68	TF41 LEAD ASSY R/H 686 471		DY	1.00	EA	N	.90	86212		K	.0
MTPCC	1	24101	A	00M89	MISC CABLE REP	102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	24101	A	00M70	TF41 PWR HARNESS 6868773		DY	1.00	EA	N	8.33	86223		K	.0
MTPCC	1	24101	A	00M73	TF41 THERMAL BLUB 6861673		DY	1.00	EA	N	.50	86139		K	.0
MTPCC	1	24101	A	00M74	TF41 PRESS F/SWITCH 6866300		DY	1.00	EA	N	.97	86139		K	.0
MTPCC	1	24101	A	00M75	TF41 T5 HARNESS 6861778		DY	1.00	EA	N	.68	86190		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24101	A	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.77	86190		K	.0
MTPCC	1	24101	A	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24101	A	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.90	86192		K	.0
MTPCC	1	24101	A	00M80	REP TF41 REM CABLE 23004350	DY	1.00	EA	N	.50	88012		K	.0
MTPCC	1	24101	B	00M66	TF41 T5 TEMP BOX 6861895	DY	1.00	EA	N	.53	86220		K	.0
MTPCC	1	24101	B	00M67	TF41 THERMO T-1 6866874	DY	1.00	EA	N	.54	86209		K	.0
MTPCC	1	24101	B	00M68	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	.67	86212		K	.0
MTPCC	1	24101	B	00M69	MISC CABLE 111N	DY	1.00	EA	N	.18	81332		K	.0
MTPCC	1	24101	B	00M70	TF41 PWR HARNESS 6868773	DY	1.00	EA	N	6.24	86223		K	.0
MTPCC	1	24101	B	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.37	86139		K	.0
MTPCC	1	24101	B	00M74	TF41 PRESS F/SWITCH 6866300	DY	1.00	EA	N	.73	86139		K	.0
MTPCC	1	24101	B	00M75	TF41 T5 HARNESS ASY 6861778	DY	1.00	EA	N	.51	86190		K	.0
MTPCC	1	24101	B	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.57	86190		K	.0
MTPCC	1	24101	B	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.57	86191		K	.0
MTPCC	1	24101	B	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.67	86192		K	.0
MTPCC	1	24101	B	00M80	REP TF41 REM CABLE 23004350	DY	1.00	EA	N	.37	88012		K	.0
MTPCC	1	24101	G	00M06	TDR ENG ACCY TF41A1 102N	DY	1.00	EA	N	1.00	81017		K	.0
MTPCC	1	24102	A	00M51	TF41 T3 HARNESS ASSY 6867264	DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	24102	A	00M52	WORKHORSE HARNS 6867264 102N	DY	1.00	EA	N	.01	81017		K	.0
MTPCC	1	24102	A	00M59	TF41 LEAD ASSY T5 6865848	DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	24102	A	00M66	TF41 T5 TEMP BOX 6861895	DY	1.00	EA	N	.71	86220		K	.0
MTPCC	1	24102	A	00M67	TF41 THERMO T-1 6866879	DY	1.00	EA	N	.73	86209		K	.0
MTPCC	1	24102	A	00M68	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	90	86212		K	0
MTPCC	1	24102	A	00M69	MISC CABLE REPAIR 102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	24102	A	00M70	O/H TF41 PW HARNESS 8899451	DY	1.00	EA	N	11.00	85081		K	.0
MTPCC	1	24102	A	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.50	86139		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24102	A	00M74	TF41 PRESS F/SWITCH 6866300	DY	1.00	EA	N	.97	86139		K	.0
MTPCC	1	24102	A	00M75	TF41 T5 LEAD ASSY 6866304	DY	1.00	EA	N	.68	86190		K	.0
MTPCC	1	24102	A	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24102	A	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24102	A	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.90	86192		K	.0
MTPCC	1	24102	Q	00M06	TDR ENG ACCY TF41-A2 106N	DY	1.00	EA	N	.86	81140		K	.0
MTPCC	1	24104	Q	00M06	TDR TF41-A400 ENG ACCY 102N	DY	1.00	EA	N	1.22	81020		K	.0
MTPCC	1	24402	A	00M10	RECODE EMS HARNESS 23006511	DY	1.00	EA	N	1.00	87266		A	.0
MTPCC	1	24402	A	00M66	REP TF41 T5 TEMP BOX 6879616	DY	1.00	EA	N	.71	87265		A	.0
MTPCC	1	24402	A	00M67	REP TF41 THERMO T1 6869983	DY	1.00	EA	N	.73	87266		A	.0
MTPCC	1	24402	A	00M68	REP TF41 LEAD R H 6892439	DY	1.00	EA	N	.90	87266		A	.0
MTPCC	1	24402	A	00M70	REP TF41 PWR HARNESS 6893136	DY	1.00	EA	N	8.33	87266		K	.0
MTPCC	1	24402	A	00M73	TST TF41 THERM BULB 6861673	DY	1.00	EA	N	.50	87267		A	.0
MTPCC	1	24402	A	00M74	REP TF41 F PRESS SW 6866300	DY	1.00	EA	N	.97	87267		K	.0
MTPCC	1	24402	A	00M75	REP TF41 T5 LEAD 6866304	DY	1.00	EA	N	.68	87267		K	.0
MTPCC	1	24402	A	00M76	REP TF41 T5 HARN POS 6869697	DY	1.00	EA	N	.77	87267		A	.0
MTPCC	1	24402	A	00M77	REP TF41 T5 HARN NEG 6869696	DY	1.00	EA	N	.77	87267		A	.0
MTPCC	1	24402	A	00M78	REP TF41 LEAD L H 6892440	DY	1.00	EA	N	.90	87267		A	.0
MTPCC	1	24402	B	00M10	RECODE TF41 EMS H 23008119	DY	1.00	EA	N	.75	87273		A	.0
MTPCC	1	24402	B	00M51	REP TF41 T3 HARN 6869984	DY	1.00	EA	N	.51	87278		A	.0
MTPCC	1	24402	B	00M66	REP TF41 T5 JUNC BOX 6879616	DY	1.00	EA	N	.53	87273		A	.0
MTPCC	1	24402	B	00M67	REP TF41 T1 THERMO 6869997	DY	1.00	EA	N	.54	87273		A	.0
MTPCC	1	24402	B	00M68	REP TF41 IGN LD R H 6892440	DY	1.00	EA	N	.67	87273		A	.0
MTPCC	1	24402	B	00M70	REP TF41 PWR HARNESS 6899452	DY	1.00	EA	N	2.10	87272		A	.0
MTPCC	1	24402	B	00M76	REP TF41 T5 HARN POS 6869697	DY	1.00	EA	N	.57	87273		K	.0
MTPCC	1	24402	B	00M77	REP TF41 T5 HARN NEG 6869696	DY	1.00	EA	N	.57	87278		A	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24402	B	00M78	REP TF41 LEAD L/H 6892439	DY	1.00	EA	N	.67	87278		A	.0
MTPCC	1	24402	B	00M79	REP TF41 T1 LEAD 6869997	DY	1.00	EA	N	.37	87278		A	.0
MTPCC	1	25743	A	00M50	LEAD 10-106815-1J57-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M51	LEAD 10-111800-1 J57-43 102N	DY	1.00	EA	N	5.50	88187		K	.0
MTPCC	1	25743	A	00M52	LEAD 10-160116-1 J57-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M53	LEAD 10-160115-1 J57-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M54	HARNESS J57-43 348262 207N	DY	1.00	EA	N	.93	82191		F	.0
MTPCC	1	25743	A	00M55	HARNESS 323145 J57-43 102N	DY	1.00	EA	N	.93	81022		K	.0
MTPCC	1	25743	A	00M56	CABLE 10-166491-1 J57-43 102N	DY	1.00	EA	N	1.48	81022		K	.0
MTPCC	1	25743	A	00M57	CABLE 10-111805-1 102N	DY	1.00	EA	N	1.48	81022		K	.0
MTPCC	1	25743	B	00M69	MICS CABLE REPAIR 102N	DY	1.00	EA	N	.25	81022		A	.0
MTPCC	1	25759	A	00M50	LEAD 10-106815-1	DY	1.00	EA	N	.68	89027		A	.0
MTPCC	1	25759	A	00M51	LEAD 10-111800-1	DY	1.00	EA	N	5.50	89027		A	.0
MTPCC	1	25759	A	00M52	LEAD 10-160116-1	DY	1.00	EA	N	.68	89027		A	.0
MTPCC	1	25759	A	00M53	LEAD 10-160115-1	DY	1.00	EA	N	.68	89027		A	.0
MTPCC	1	25759	A	00M54	HARNESS 348262	DY	1.00	EA	N	.93	89027		A	.0
MTPCC	1	25759	A	00M55	HARNESS 323145	DY	1.00	EA	N	.93	89027		A	.0
MTPCC	1	25759	A	00M56	CABLE 10-166491-1	DY	1.00	EA	N	1.48	89027		A	.0
MTPCC	1	25759	A	00M57	CABLE 10-111805-1	DY	1.00	EA	N	1.48	89027		A	.0
MTPCC	1	25759	B	00M69	MISC CABLE REPAIR J57-59	DY	1.00	EA	N	.25	89027		A	.0
MTPCC	1	27914	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.55	83176		K	.0
MTPCC	1	27914	A	00M30	J79 CABLE IGN 41825 306N	DY	1.00	EA	N	.47	83176		K	.0
MTPCC	1	27914	A	00M35	J79 LEAD MAIN #2 517D377P2	DY	1.00	EA	N	.54	83176		K	.0
MTPCC	1	27914	A	00M40	J79 CAB IGN MAIN 106C5282P1	DY	1.00	EA	N	.53	83176		K	.0
MTPCC	1	27914	A	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.48	83176		K	.0
MTPCC	1	27914	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83176		K	0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27914	A	00M05	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.45	83176		K	.0
MTPCC	1	27914	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83176		K	.0
MTPCC	1	27914	A	00M65	J79 LEAD IGN 105B5422P1 306N	DY	1.00	EA	N	.50	83176		K	.0
MTPCC	1	27914	A	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27914	A	00M75	J79 CABLE 105B2411P2 306N	DY	1.00	EA	N	.50	83176		K	.0
MTPCC	1	27914	B	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M30	J79 CABLE IGN 41825 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M35	J79 LEAD MAIN #2 517D377P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M40	J79 CAB IGN MAIN 106C5282P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M65	J79 LEAD IGN 105B5422P1 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27914	B	00M75	J79 CABLE 105B2411P2 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27915	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27915	A	00M30	J79 CAB IGNITION 41825 109N	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27915	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81301		K	.0
MTPCC	1	27915	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27915	A	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.48	81315		K	.0
MTPCC	1	27915	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27915	A	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27915	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27915	A	00M65	J79 LEAD IGN 105B5422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27915	A	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	2.75	88182		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27915	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27915	B	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M30	J79 CAB IGNITION 41825 109N	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M45	J79 LEAD IGN A/B 5120833P3	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27915	B	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83104		K	.0
MTPCC	1	27917	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27917	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27917	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27917	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27917	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		K	.0
MTPCC	1	27917	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27917	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27917	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27917	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27917	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27917	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27917	A	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.45	82219		K	.0
MTPCC	1	27917	B	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.25	83260		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27917	B	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27917	B	00M75	J79 CAB SPEC PUR 105B2411P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83239		K	.0
MTPCC	1	27918	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.55	83187		K	.0
MTPCC	1	27918	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	83187		K	.0
MTPCC	1	27918	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	83187		K	.0
MTPCC	1	27918	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	83187		K	.0
MTPCC	1	27918	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	83187		K	.0
MTPCC	1	27918	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83187		K	.0
MTPCC	1	27918	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27918	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83187		K	.0
MTPCC	1	27918	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	83187		K	.0
MTPCC	1	27918	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27918	A	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.50	83187		K	.0
MTPCC	1	27918	A	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27918	B	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.25	83239		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HPS
MTPCC	1	27918	B	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.02	83211		K	.0
MTPCC	1	27918	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27918	B	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.04	83176		K	.0
MTPCC	1	27919	A	00M21	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83239		K	.0
MTPCC	1	27919	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.55	83187		A	.0
MTPCC	1	27919	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	83187		A	.0
MTPCC	1	27919	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	83187		A	.0
MTPCC	1	27919	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	83187		A	.0
MTPCC	1	27919	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	83187		A	.0
MTPCC	1	27919	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83187		A	.0
MTPCC	1	27919	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	83187		A	.0
MTPCC	1	27919	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83187		A	.0
MTPCC	1	27919	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	83187		A	.0
MTPCC	1	27919	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27919	A	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.50	83187		A	.0
MTPCC	1	27919	A	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.45	83187		A	.0
MTPCC	1	27924	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER INO	A/R CD	FLOW HRS
MTPCC	1	27924	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27924	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27924	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27924	A	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.48	81315		K	.0
MTPCC	1	27924	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27924	A	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.22	88313		K	.0
MTPCC	1	27924	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27924	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27924	A	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27924	A	00M75	J79 CAB SPEC PUP 10582411P2	DY	1.00	EA	N	.50	88309		K	.0
MTPCC	1	27925	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	50	83104		K	.0
MTPCC	1	27925	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27925	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27925	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27925	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27925	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		K	.0
MTPCC	1	27925	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27925	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27925	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27925	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27925	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27925	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27925	A	00M80	J79 ELECT LEAD 5032M26P02	DY	1 00	EA	N	.45	82219		K	.0
MTPCC	1	27926	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83104		K	.0
MTPCC	1	27926	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27926	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	88309		A	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27926	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27926	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27926	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		K	.0
MTPCC	1	27926	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27926	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27926	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27926	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27926	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27926	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27926	A	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.45	82219		K	.0
MTPCC	1	27927	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83104		K	0
MTPCC	1	27927	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27927	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	88340		K	.0
MTPCC	1	27927	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27927	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27927	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		K	.0
MTPCC	1	27927	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27927	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27927	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27927	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27927	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27927	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27927	A	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.45	82219		K	.0
MTPCC	1	27928	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83104		A	.0
MTPCC	1	27928	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		A	.0
MTPCC	1	27928	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	81290		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27928	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		A	.0
MTPCC	1	27928	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		A	.0
MTPCC	1	27928	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		A	.0
MTPCC	1	27928	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		A	.0
MTPCC	1	27928	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		A	.0
MTPCC	1	27928	A	00M60	J79 CABLE ASSY 8014M45P02	DY	1.00	EA	N	.57	81301		A	.0
MTPCC	1	27928	A	00M65	J79 LEAD IGN 10885422P1	DY	1.00	EA	N	.50	81301		A	.0
MTPCC	1	27928	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27928	A	00M75	J79 CAB SPEC PUR 10882411P2	DY	1.00	EA	N	.50	81315		A	.0
MTPCC	1	27928	A	00M80	J79 ELECT LEAD 8032M26P02	DY	1.00	EA	N	.45	82219		A	.0
MTPCC	1	29024	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29043	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29412	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29412	A	00M50	CABLE SENS 10-352647-1	BY	1.00	EA	N	.68	86177		K	.0
MTPCC	1	30011	A	00M05	CABLE BRANCHED 201-3206 007N	DY	1.00	EA	N	2.30	80209		K	.0
MTPCC	1	30033	A	00M05	REP SOLENOID 698603A 102N	DY	1.00	EA	N	.37	81022		K	.0
MTPCC	1	30033	A	00M10	HARNESS P/N 54552 102N	DY	1.00	EA	N	.69	82247		K	0
MTPCC	1	30041	A	00M05	REP CSD HARNESS 692104A007N	DY	1.00	EA	N	.03	80211		F	.0
MTPCC	1	30048	A	00M05	REP CSD COMPNTS F-111 007N	DY	1.00	EA	N	.99	80209		K	.0
MTPCC	1	30057	A	00M05	HARNESS ASSY CSD 54528 106N	DY	1.00	EA	N	.06	81140		K	.0
MTPCC	1	30180	A	00M05	ACT 408889 007N	AY	1.00	EA	N	3.32	80208		K	.0
MTPCC	1	31261	A	00M05	SCOOP P/N 540246-6 301N	BY	1.00	EA	N	7.24	83015		K	.0
MTPCC	1	31261	G	00M05	QDR/TDR SCOOP 540246-6 007N	BY	1.00	EA	N	2.50	80208		K	.0
MTPCC	1	31288	A	00M05	ACTUATOR 4369-1 304N	AY	1.00	EA	N	3.77	83078		K	.0
MTPCC	1	31288	A	00M05	ACT GVLC 6497 007N	AY	1.00	EA	N	3.92	80208		K	.0
MTPCC	1	31364	G	00M05	ACT QUAL ANAL 1009350 007N	AY	1.00	EA	N	2.00	80217		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	31788	A	00M05	ACTUATOR	113838	305N	AY	1.00	EA	N	3.23	80167		K	.0
MTPCC	1	31986	A	00M05	ACT	30678-17	007N	AY	1.00	EA	N	3.26	80208		K	.0
MTPCC	1	[illegible]	A	00M05	CABLE TF30 P/N 43278			DY	1.00	EA	N	11.90	85197		K	.0
MTPCC	1	34088	G	00M05	PERF TDR CABLE ASSY		001N	DY	1.00	EA	N	1.38	80167		A	.0
MTPCC	1	34103	A	00M05	OH TF[illegible]	6866889		BY	1.00	EA	N	6.00	80208		K	.0
MTPCC	1	34103	G	00M05	QDR/TDR GEN	6866889	106N	BY	1.00	EA	N	1.50	81140		K	.0
MTPCC	1	34107	A	00M05	HARNESS	54552	007N	DY	1.00	EA	N	1.65	80198		K	.0
MTPCC	1	34107	G	00M05	QUAL ANAL HARNESS	54552	007N	DY	1.00	EA	N	1.84	80208		K	.0
MTPCC	1	34108	A	00M05	TACH-GENERATOR	6862450	201N	BY	1.00	EA	N	1.44	82009		A	.0
MTPCC	1	34148	A	00M05	MAJOR REPAIR TRANSDUCER		110N	BY	1.00	EA	N	7.20	82044		K	.0
MTPCC	1	34148	A	00M05	STAT RTR	10-387925-1	007N	BY	1.00	EA	N	.96	80198		K	.0
MTPCC	1	34149	A	00M05	BOX&CABLE	HAD15100	309N	DY	1.00	EA	N	3.45	81327		K	.0
MTPCC	1	34149	G	00M05	BOX & CABLE	HAD15100		DY	1.00	EA	N	1.00	85309		A	.0
MTPCC	1	34156	A	00M05	CABLE TF-30	10-352650-1	111N	DY	1.00	EA	N	3.71	81327		K	.0
MTPCC	1	34161	A	00M05	CABLE TF30	10-352648	207N	BY	1.00	EA	N	8.82	82184		F	.0
MTPCC	1	34161	G	00M05	CABLE P/N	10-352648	212N	BY	1.00	EA	N	1.59	82345		A	.0
MTPCC	1	34164	A	00M05	BOX&CABLE	HAD14775	309N	DY	1.00	EA	N	3.45	81327		K	.0
MTPCC	1	34164	G	00M05	PERFORM QUAL ANALYSIS		012N	DY	1.00	EA	N	1.50	81006		A	.0
MTPCC	1	34167	A	00M05	CABLE	10-352649-1	111N	DY	1.00	EA	N	4.70	81327		K	.0
MTPCC	1	34167	G	00M05	CABLE P/N	10-352649-1	211N	DY	1.00	EA	N	.70	82322		A	99.8
MTPCC	1	34178	A	00M05	FILTER SWITCH	481695	110N	DY	1.00	EA	N	1.52	81292		K	.0
MTPCC	1	34178	G	00M05	QUAL AUDIT SWIT	481695	004N	DY	1.00	EA	N	1.17	80167		A	.0
MTPCC	1	34257	A	00M05	HARNESS 42440	TF33		DY	1.00	EA	N	5.71	88183		K	.0
MTPCC	1	[illegible]	G	00M05	QUALITY AUDIT			DY	1.00	EA	N	3.08	85148		A	.0
MTPCC	1	34324	A	00M05	CABLE P/N	678131	305N	DY	1.00	EA	N	3.45	82184		K	.0
MTPCC	1	34324	G	00M05	TDR CABLE		108N	DY	1.00	EA	N	1.00	81255		A	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
[illegible]	1	[illegible]	A	00M05	ACT GRP 1 1433-663089	006N	AY	1.00	EA	N	5.71	80209	K	.0
MTPCC	1	34327	G	00M05	ACTUATOR 1433-663089	308N	AY	1.00	EA	N	1.50	83260	A	.0
MTPCC	1	34333	A	00M05	BOX & CABLE 878130	308N	DY	1.00	EA	N	3.45	80167	K	.0
MTPCC	1	34333	G	00M05	BLE & BOX 878130	007N	DY	1.00	EA	N	1.67	80217	K	.0
MTPCC	1	34415	A	00M05	OVERHAUL WIRING HARNESS		DY	1.00	EA	N	2.00	88373	A	.0
[illegible]	1	[illegible]	A	00M05	CLUTCH [illegible] 42102R110	007N	BY	1.00	EA	N	19.89	80209	K	.0
MTPCC	1	34519	G	00M05	CLUTCH PACK 42102R110	007N	BY	1.00	EA	N	5.69	80209	K	.0
MTPCC	1	34512	A	00M05	ACTUATOR 1433-643054		AY	1.00	EA	N	5.13	88210	K	.0
MTPCC	1	34513	A	00M05	ACTUATOR P/N 701000	405E	AY	1.00	EA	E	4.97	84152	K	.0
MTPCC	1	34522	A	00M05	ACT GRP 1 1433-613187	005N	AY	1.00	EA	N	5.42	80167	K	.0
MTPCC	1	34522	G	00M05	TDR ACTUATOR 1433-613187		AY	1.00	EA	N	1.15	88258	A	199.8
MTPCC	1	34544	A	00M05	ACTUATOR 1433-613523		AY	1.00	EA	E	5.88	84124	K	.0
MTPCC	1	34544	G	00M05	TDR ACTUATR 1433-613523	002N	AY	1.00	EA	N	1.15	80167	A	.0
MTPCC	1	34549	A	00M05	OVERHAUL GEN P/N 625222	110N	BY	1.00	EA	N	5.00	82044	F	.0
MTPCC	1	34549	G	00M05	PRE QUALITY ANALYSIS	111N	BY	1.00	EA	N	1.50	81332	K	.0
MTPCC	1	34642	A	00M05	ACT 541216-1-1	007N	AY	1.00	EA	N	4.36	80209	K	.0
MTPCC	1	35008	A	00M05	SERVO 669777-361	302N	BY	1.00	EA	E	8.02	83057	H	.0
MTPCC	1	35008	G	00M05	QUAL ANAL 669777-361	007N	BY	1.00	EA	N	3.22	80209	K	.0
MTPCC	1	35009	A	00M05	MTR & DRV 684244-31	007N	BY	1.00	EA	N	7.98	80209	K	.0
MTPCC	1	35009	G	00M05	MTR & DRIVE 684244-31	303N	BY	1.00	EA	N	2.00	83055	K	.0
MTPCC	1	35018	G	00M05	DRUM & BRACKET 669779	212N	BY	1.00	EA	N	1.00	82345	A	.0
MTPCC	1	35019	A	00M05	SERVO 669777-541	302N	BY	1.00	EA	E	8.02	83078	H	.0
MTPCC	1	35019	G	00M05	TDR SERVO 669777-541	106N	BY	1.00	EA	N	3.22	81140	K	.0
MTPCC	1	35022	A	00M05	REP CABLE 166495-1 TF33		DY	1.00	EA	N	4.50	88183	K	.0
MTPCC	1	35022	G	00M05	CABLE P/N 166495-1	311N	DY	1.00	EA	N	.50	83346	A	.0
MTPCC	1	35048	G	00M05	SWITCH PS-1A	302N	DY	1.00	EA	N	1.00	83050	A	.0

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MTPCC	1	35089	A	00M05	PUM	P/N 4002	301N	BY	1.00	EA	N	3.92	83029		K	.0
MTPCC	1	35096	A	00M05	O/H ACTUATOR	16784-1A	303E	BY	1.00	EA	E	9.34	83062		K	.0
MTPCC	1	35096	G	00M05	ACTUATOR	16784-1A	106N	BY	1.00	EA	N	4.47	81140		K	.0
MTPCC	1	35097	A	00M05	ACTUATOR	16782-1C	106N	BY	1.00	EA	N	8.91	81140		K	.0
MTPCC	1	35097	G	00M05	TDR ACTUATOR	16782-1C	106N	BY	1.00	EA	N	4.38	81140		K	.0
MTPCC	1	35358	A	00M05	PUMP	RG9880	007N	BY	1.00	EA	N	3.92	80209		K	.0
MTPCC	1	35358	G	00M05	PUMP	RG9880	007N	BY	1.00	EA	N	2.49	80209		K	.0
MTPCC	1	35503	A	00M10	O/H SWITCH 481695			DY	1.00	EA	N	1.52	87076		K	.0
MTPCC	1	35508	A	00M05	PUMP	043482-010-01	007N	BY	1.00	EA	N	3.47	80209		K	.0
MTPCC	1	35508	G	00M05	QDR PUMP		107N	BY	1.00	EA	N	1.50	81220		A	.0
MTPCC	1	37645	A	00M05	ACTUATOR	P/N 38140-7	405E	AY	1.00	EA	E	4.36	84147		K	.0
MTPCC	1	37713	A	00M05	CAPSTAN	99289-04	007N	BY	1.00	EA	N	4.12	80209		K	.0
MTPCC	1	37713	G	00M05	CAPSTAN TDR	99289-04	007N	BY	1.00	EA	N	2.50	80209		K	.0
MTPCC	1	37730	A	00M05	SERVO	616418-1-166	311E	BY	1.00	EA	E	8.02	83057		H	.0
MTPCC	1	37730	G	00M05	QUAL ANAVL		007N	BY	1.00	EA	N	3.40	80209		K	.0
MTPCC	1	37731	A	00M05	MTR GEN	965-0060- 001	007N	BY	1.00	EA	N	4.35	80209		H	.0
MTPCC	1	38662	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3 52	84124		K	.0
MTPCC	1	38663	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38664	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3.89	84124		K	.0
MTPCC	1	38665	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38666	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38667	A	00M05	J-79 TORQUE MOTOR & RESISTOR			BY	1.00	EA	E	3.52	84147		K	.0
MTPCC	1	38668	A	00M05	J-79 GENERATOR	868C691P1		BY	1.00	EA	N	1.40	82016		K	.0
MTPCC	1	38697	A	00M05	J-79 SWITCH	874C621P1		DY	1.00	EA	E	2.21	83309		K	.0
MTPCC	1	38697	G	00M05	J-79 SWITCH	874C621P1		DY	1.00	EA	N	1.00	83187		K	.0
MTPCC	1	38698	A	00M05	J-79 SWITCH	874C224P2		DY	1.00	EA	E	2.16	87211		K	.0

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MTPCC	1	38698	G	00M05	J-79 SWITCH	874C224P2	DY	1.00	EA	N	1.00	83099		K	.0
MTPCC	1	38699	A	00M05	J-79 SWITCH	311D894P02	DY	1.00	EA	N	2.50	81276		K	.0
MTPCC	1	38699	G	00M05	J-79 SWITCH	311D894P02	DY	1.00	EA	N	1.00	83062		K	.0
MTPCC	1	38700	A	00M05	J-79 SWITCH	576C360P3	DY	1.00	EA	E	2.25	83309		K	.0
MTPCC	1	38700	G	00M05	J-79 SWITCH	576C360P3	DY	1.00	EA	N	1.00	83099		K	.0
MTPCC	1	38701	A	00M05	J-79 SWITCH	517D870P03	DY	1.00	EA	N	2.75	83027		K	.0
MTPCC	1	38701	G	00M05	J-79 SWITCH	517D870P03 EGT	DY	1.00	EA	N	1.00	82331		K	.0
MTPCC	1	39602	A	00M05	ACTUATOR	111N	BY	1.00	EA	N	8.46	81332		K	.0
MTPCC	1	39602	G	00M05	TDR ACT 544544-2-3		BY	1.00	EA	N	2.00	85010		A	.0
MTPCC	1	39614	A	00M05	ACT 601000-05	007N	BY	1.00	EA	N	2.81	80211		K	.0
MTPCC	1	39614	G	00M05	QUAL ANAL ACT	206N	DY	1.00	EA	N	1.50	82154		A	.0
MTPCC	1	39706	A	00M05	SERVO 1990743-2A	106N	BY	1.00	EA	N	18.38	81140		K	.0
MTPCC	1	39706	G	00M05	SERVO QUAL A 199074312A	007N	BY	1.00	EA	N	1.50	80211		K	.0
MTPCC	1	39878	A	00M05	ACTUATOR 113538	305N	AY	1.00	EA	N	3.23	80211		K	.0
MTPCC	1	42089	A	00M05	O/H FF TRANS 8TJ62G8A3	208N	CT	1.00	EA	E	8.11	82233		K	.0
MTPCC	3	42089	A	00M10	TST FF TRSM 8TJ62G8A3	208N	CT	1.00	EA	E	.99	82280		L	.0
MTPCC	1	42089	G	00M05	F/F TRANS 8TJ62G8A3	201N	CT	1.00	EA	N	1.25	82044		K	.0
MTPCC	1	42928	A	00M05	CONTROL P/N 1776286	406E	BY	1.00	EA	E	4.53	84161		K	.0
MTPCC	1	42928	G	00M05	CONTROL 1776286	202N	BY	1.00	EA	N	.76	82034		K	.0
MTPCC	1	44447	A	00M05	O/H FF TRNSM 9121-21A1		CT	1.00	EA	N	5.92	85045		K	0
MTPCC	3	44447	A	00M10	TST FF TRNSM 9121-21A1		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	44447	G	00M05	F/F TRANS 9121-21A1	201N	CT	1.00	EA	N	.30	82044		K	.0
MTPCC	1	45348	A	00M05	O/H FF TRANS 9117-16A1	208N	CT	1.00	EA	E	9.12	82231		L	.0
MTPCC	3	45348	A	00M10	TST FF TRNSM 9117-16A1		CT	1.00	EA	N	.76	85045		K	.0
MTPCC	1	45348	G	00M05	F/F TRANS 9117-16A1	201N	CT	1.00	EA	N	1.79	82044		K	.0
MTPCC	1	45362	A	00M05	O/H FF TRANS 8TJ62G8K3	208N	CT	1.00	EA	E	7.48	82231		L	.0

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MTPCC	3	45362	A	00M10	TST FF TRNSM BTJ62GBK3		CT	1.00	EA	N	.97	85045		K	.0
MTPCC	1	45362	G	00M05	F/F TRANS BTJ62GBK3	201N	CT	1.00	EA	N	.75	82044		K	.0
MTPCC	1	45387	A	00M05	O/H FF TRANS BTJ50GAS5	20BN	CT	1.00	EA	E	4.30	82231		L	.0
MTPCC	3	45387	A	00M10	TST FF TRNSM BTJ50GAS5		CT	1.00	EA	N	.78	85045		K	.0
MTPCC	1	45387	G	00M05	F/F TRANS BTJ50GAS5	201N	CT	1.00	EA	N	.85	82044		K	.0
MTPCC	1	45389	A	00M05	O/H FF TRNSM BTJ50GAS4		CT	1.00	EA	N	4.20	85045		K	.0
MTPCC	3	45389	A	00M10	TST FF TRNSM BTJ50GAS4		CT	1.00	EA	N	.78	85045		K	.0
MTPCC	1	45389	G	00M05	TRANSMITTER BTJ50GAS4	304N	CT	1.00	EA	N	.50	83099		K	.0
MTPCC	1	48371	A	00M05	O/H FF TRANS BTJ62GBC3	20BN	CT	1.00	EA	E	6.07	82219		L	.0
MTPCC	3	48371	A	00M10	TST FF TRNSM BTJ62GBC3		CT	1.00	EA	N	.97	85045		K	.0
MTPCC	1	48371	G	00M05	F/F TRANS BTJ62GBC3	201N	CT	1.00	EA	N	1.34	82044		K	.0
MTPCC	1	48451	A	00M05	O/H FF TRANS BTJ50GBM5	20BN	CT	1.00	EA	E	4.30	82231		L	.0
MTPCC	3	48451	A	00M10	TST FF TRNSM BTJ50GBM5	20BN	CT	1.00	EA	E	.78	82231		L	.0
MTPCC	1	48451	G	00M05	F/F TRANS BTJ50GBM5	201N	CT	1.00	EA	N	.85	82044		K	.0
MTPCC	1	48561	A	00M05	O/H FF TRANS 9115-16C4A	20BN	CT	1.00	EA	E	6.07	82231		L	.0
MTPCC	3	48561	A	00M10	TST FF TRNSM 9115-16C4A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48561	G	00M05	F/F TRANS 9115-16C4A	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48562	A	00M05	O/H FF TRAN 9115-16D1	20BN	CT	1.00	EA	E	7.08	82219		L	.0
MTPCC	3	48562	A	00M10	TST FF TRNSM 9115-16D1		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48562	G	00M05	F/F TRANS 9115-1601	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48563	A	00M05	O/H FF TRAN 9115-16C1A	20BN	CT	1.00	EA	E	6.07	82231		L	.0
MTPCC	3	48563	A	00M10	TST FF TRNSM 9115-16C1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48563	G	00M05	F/F TRANS 9115-16C1A	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48564	A	00M05	O/H FF TRAN 9115-16B1A	20BN	CT	1.00	EA	E	6.07	82231		L	.0
MTPCC	3	48564	A	00M10	TST FF TRNSM 9115-16B1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48564	G	00M05	F/F TRANS 9115-16B1A	201N	CT	1.00	EA	N	1.20	82044		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	49565	A	00M05	O/H FF TRNSM 9115-16A1A		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	1	49565	A	00M10	TST FF TRNSM 9115-16A1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49565	G	00M05	F/F TRANS 9115-16A1A	201N	OT	1.00	EA	N	1.06	82044		K	.0
MTPCC	1	49569	G	00M05	ACT QUAL ANAL 1009350	007N	OT	1.00	EA	N	2.00	80211		K	.0
MTPCC	1	49226	A	00M05	REP ACTUATOR	112N	AY	1.00	EA	N	4.08	81339		K	.0
MTPCC	1	49238	A	00M05	ACTUATOR P/N 541214-2	304N	AY	1.00	EA	N	4.22	83074		K	.0
MTPCC	1	49280	A	00M05	ACTUATOR P/N 540906-2-2	304N	AY	1.00	EA	N	4.22	83078		K	.0
MTPCC	1	49419	A	00M05	ACTUATOR P/N 499-00	208N	AY	1.00	EA	N	3.49	82240		A	.0
MTPCC	1	49419	G	00M05	ACTUATOR 499-00	309N	AY	1.00	EA	N	1.00	83263		A	.0
MTPCC	1	49420	A	00M05	O/H ACTUATOR 499-00-1	106N	AY	1.00	EA	N	2.59	81140		K	.0
MTPCC	1	49420	G	00M05	TDR ACT 499-00-1	106N	AY	1.00	EA	N	1.50	81140		K	.0
MTPCC	1	49425	A	00M05	ACTUATOR 38140+4	M048	AY	1.00	EA	N	4.34	80046		K	.0
MTPCC	1	49530	A	00M05	O/H FF TRNSM 9115-16C4A		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49530	A	00M10	TST FF TRNSM 9115-16C4A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49531	A	00M05	O/H FF TRNSM 9115-16D1		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49531	A	00M10	TST FF TRNSM 9115-16D1		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49532	A	00M05	O/H FF TRNSM 9115-16C1A		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49532	A	00M10	TST FF TRNSM 9115-16C1A		OT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49533	A	00M05	O/H FF TRNSM 9115-16A1A		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49533	A	00M10	TST FF TRNSM 9115-16A1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49534	A	00M05	O/H FF TRNSM 9115-16B1A		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49534	A	00M10	TST FF TRNSM 9115-16B1A		OT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49542	A	00M05	CABLE 749022	002N	DY	1.00	EA	N	8.00	80167		A	.0
MTPCC	1	49542	G	00M05	CABLE 749022 TF30		DY	1.00	EA	N	1.00	87042		K	.0
MTPCC	1	49550	A	00M05	ACTUATOR 541218-3-1	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	49555	A	00M05	ACTUATOR 544388-6-1	301N	AY	1.00	EA	N	9.02	83034		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	49574	A	00M05	ACT-GRP # 541076+4+2	004N	DY	1.00	EA	N	4.97	80167		K .0
MTPCC	1	49582	A	00M05	O/H FF TRAN 180-005-003	208N	CT	1.00	EA	E	6.07	32219		L .0
[illegible]					[illegible]		CT	1.00	EA	N	.78	85048		K .0
MTPCC	1	49582	Q	00M05	TRANSMITTER 180-005-003	205N	CT	1.00	EA	N	2.00	82133		A .0
MTPCC	1	49619	A	00M05	MOTOR DRIVE 888679-161	005N	BY	1.00	EA	N	5.98	80274		A .0
MTPCC	1	49677	A	00M05	OVERHAUL ASSY679803-401	103N	BY	1.00	EA	N	5.98	81112		A .0
MTPCC	1	49687	A	00M05	ACTUATOR 540808-4-2	304N	AY	1.00	EA	N	4.22	83069		K .0
MTPCC	1	49705	A	00M05	SENSOR 548542-2-1	112N	BY	1.00	EA	N	5.80	82030		A .0
MTPCC	1	49717	A	00M05	ACTUATOR P/N540284-3	101N	BY	1.00	EA	N	6.37	81036		K .0
MTPCC	1	49720	A	00M05	HARNESS CDS 697158	111N	DY	1.00	EA	N	.01	81327		K .0
MTPCC	1	49816	A	00M05	ACTUATOR 499-00-3	110N	AY	1.00	EA	N	3.50	81276		A .0
MTPCC	1	49816	Q	00M05	ACTUATOR 499-00-3	212N	AY	1.00	EA	N	1.00	82362		A .0
MTPCC	1	49831	A	00M05	ACTUATOR 720434-2 & 3	204N	AY	1.00	EA	N	3.50	82119		A .0
MTPCC	1	49850	A	00M05	NAV LIGHT 40-0192-3	204N	BY	1.00	EA	N	8.00	82112		K .0
MTPCC	1	49851	A	00M05	ACTUATOR 540906-3-1	111N	AY	1.00	EA	N	2.80	81311		A .0
MTPCC	1	49862	A	00M05	ACTUATOR 32-0260-4	111N	AY	1.00	EA	N	3.50	81350		A .0
MTPCC	1	49875	A	00M05	REPAIR HARNESS 714973C		DY	1.00	EA	N	.30	84231		A .0
MTPCC	1	50042	A	00M05	REPLACE HARNESS SWITCH		DY	1.00	EA	N	3.00	84361		A .0
MTPCC	1	50061	A	00M05	TEMP SELECTOR 757040-1	307N	AY	1.00	EA	N	4.00	83209		K .0
MTPCC	1	50095	A	00M05	HARNESS SUPPORT FOR E3A CSD		DY	1.00	EA	N	4.60	88320		K .0
MTPCC	1	50095	Q	00M05	HARNESS SUPPORT FOR E3A CSD		DY	1.00	EA	N	4.60	88320		K .0
MTPCC	1	50095	R	00M05	HARNESS SUPPORT OF CSD MOD		DY	1.00	EA	N	4.60	88288		K .0
MTPCC	1	50119	A	00M05	O/H ACT 1.33-623304		DY	1.00	EA	N	5.10	84364		A .0
MTPCC	1	50123	A	00M05	REPLACE HARNESS SWITCH		DY	1.00	EA	N	3.00	84361		K .0
MTPCC	1	50124	A	00M05	REPLACE HARNESS SWITCH		DY	1.00	EA	N	3.00	84361		K .0
MTPCC	1	50126	A	00M05	REPAIR SOLENOID 2633047		DY	1.00	EA	N	1.00	87055		K .0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	50127	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50128	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50181	A	00M05	REP TF41 A402 HAR 6899452	DY	1.00	EA	N	8.33	87187		K	.0
MTPCC	1	50191	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50192	A	00M05	ACT TRIM MTR 184495	DY	1.00	EA	N	2.66	85290		K	.0
MTPCC	1	50192	A	00M10	HARNESS FUEL CTL 3 EA.	DY	1.00	EA	N	2.02	85296		A	.0
MTPCC	1	50195	A	00M05	OH/H FF TRANS BTJ80GAS5	CT	1.00	EA	E	4.30	89058		K	.0
MTPCC	3	50195	A	00M10	TST FF TRNSM BTJ80GAS5	CT	1.00	EA	N	.76	89058		K	.0
MTPCC	1	50197	A	00M05	REP HARNESS 7149730	DY	1.00	EA	N	.45	87133		K	.0
MTPCC	1	50201	A	00M05	CONNECTOR RESTRT SW. 520480	DY	1.00	EA	N	1.34	85357		A	.0
MTPCC	1	50247	A	00M05	O/H KC135E CSD HARNESS	DY	1.00	EA	N	2.00	86279		K	.0
MTPCC	1	50277	A	00M05	REPLACE HARNESS SWITCH	DY	1.00	EA	N	3.00	87023		K	.0
MTPCC	1	50324	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		A	.0
MTPCC	1	50325	A	00M05	REPLACE HARNESS SWITCH	DY	1.00	EA	N	3.00	87224		A	.0
MTPCC	1	50363	A	00M05	OH PLA HOUSING & SWITCH	DY	1.00	EA	N	2.00	87323		A	.0
MTPCC	1	50363	G	00M05	QDR PLA SW & HSG	DY	1.00	EA	N	.50	88231		A	.0
MTPCC	1	50364	A	00M05	OH PLA HOUSING & SWITCH	DY	1.00	EA	N	2.00	87323		A	.0
MTPCC	1	50367	A	00M05	O/H IGNITION LEAD	DY	1.00	EA	N	1.75	87343		A	.0
MTPCC	1	50380	A	00M05	TF41 SOLENO P/N 184327	BY	1.00	EA	N	1.00	88064		A	.0
MTPCC	1	50381	A	00M05	TF41 SOLENO P/N 184327	BY	1.00	EA	N	1.00	88064		A	.0
MTPCC	1	50390	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		A	.0
MTPCC	1	50391	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		A	.0
MTPCC	1	50395	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		K	.0
MTPCC	1	50396	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		K	.0
MTPCC	1	50398	A	00M05	LEAD P/N 10-380463-1	DY	1.00	EA	N	2.68	88202		A	.0
MTPCC	1	61105	A	00M05	O/H FF TRNSM BTJ85GHM2	CT	1.00	EA	N	5.92	85045		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	3	81105	A	00M10	TST FF TRNSM BTJ85GHM2		OT	1.00	EA	N	.78	85045		K	.0
MTPCC	1	81105	G	00M05	F/F TRANS BTJ85GHM2	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	81111	A	00M05	OH TF41 P M GENER 6866889		BY	1.00	EA	N	6.00	83027		K	.0
MTPCC	1	81112	A	00M05	OH TF41 P M GENER 6869443		BY	1.00	EA	N	6.00	80211		K	.0
MTPCC	1	81112	G	00M05	GENERTOR	103N	BY	1.00	EA	N	2.11	81093		A	.0
MTPCC	1	81132	A	00M05	ACTUA[redacted]-2-2	304N	AY	1.00	EA	N	4.22	83074		K	.0
MTPCC	1	81132	G	00M05	ACTUATOR 540906-2-2	309N	AY	1.00	EA	N	1.50	83277		A	.0
MTPCC	1	81159	A	00M05	O/H SENSOR 548702-2-1	110N	BY	1.00	EA	N	4.76	82044		K	.0
MTPCC	1	81179	A	00M05	ACTUATOR P/N 307200	304N	AY	1.00	EA	N	4.84	83078		K	.0
MTPCC	1	81202	A	00M05	MOTOR P/N 658660-101	111N	BY	1.00	EA	N	5.98	81332		K	.0
MTPCC	1	81203	A	00M05	ACT 16782-1C	007N	BY	1.00	EA	N	8.92	80211		K	.0
MTPCC	1	81204	A	00M05	TF41 SOLEN VALVE P/N 184327		BY	1.00	EA	N	1.00	83022		K	.0
MTPCC	1	81205	A	00M05	TF41 SOLEN VALVE P/N 184327		BY	1.00	EA	N	1.00	83022		K	.0
MTPCC	1	81207	A	00M05	O/H FF TRAN BTJ62GBZ3	208N	CT	1.00	EA	E	6.07	82219		L	.0
MTPCC	3	81207	A	00M10	TST FF TRNSM BTJ62GBZ3		OT	1.00	EA	N	.37	85045		K	.0
MTPCC	1	81207	G	00M05	F/F TRANS BTJ2GBZ3	201N	CT	1.00	EA	N	1.25	82044		K	.0
MTPCC	1	81215	A	00M05	OH TF41 P M GENER 6866889		BY	1.00	EA	N	6.00	83027		K	.0
MTPCC	1	81240	A	00M05	REP ACTUATOR	111N	BY	1.00	EA	N	8.46	81332		K	.0
MTPCC	1	81264	A	00M05	O/H FF TRNSM BTJ62GCA3		OT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	81264	A	00M10	TST FF TRNSM BTJ62GCA3		OT	1.00	EA	N	.76	85045		K	.0
MTPCC	1	81264	G	00M05	FLOW TRANSMT BTJ62GCA3	304N	OT	1.00	EA	N	1.50	83118		A	.0
MTPCC	1	81268	A	00M05	TACH-GENERATOR 6862480	301N	BY	1.00	EA	N	1.44	83022		A	.0
MTPCC	1	81035	A	CCM05	O/H IGNITION LEAD		DY	1.00	EA	N	1.75	87322		A	.0
MTPCC	1	81100	A	00M05	C130 ACTUATOR P/N 150201		AY	1.00	EA	N	2.79	83078		K	.0
MTPCC	1	81102	A	00M05	C130 COMPRESSOR P/N RG9680		BY	1.00	EA	N	3.92	80209		K	.0
MTPCC	3	81107	A	00M05	O/H FF TRNSM BTJ50GA54		CT	1.00	EA	N	4.20	85045		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	93218	G	00M05	QUAL ANLYS	35940-3	009N	AY	1.00	EA	N	1.50	80281		A	.0
MTPCC	1	94041	A	00M05	ACT GRP 2	152772+1	005N	AY	1.00	EA	N	2.79	80167		K	.0
MTPCC	1	94041	A	00M10	124645		202E	AY	1.00	EA	N	2.00	82048		K	.0
MTPCC	1	94041	G	00M05	MDR		202N	AY	1.00	EA	N	1.98	82048		K	.0
MTPCC	1	94043	A	00M05	ACTUATOR	152621	305N	AY	1.00	EA	N	3.23	80167		K	.0
MTPCC	1	94043	A	00M10	123855		202N	AY	1.00	EA	N	2.32	82048		K	.0
MTPCC	1	94043	A	00M20	120288 VALVE BODY		201N	AY	1.00	EA	N	.28	82020		K	.0
MTPCC	1	94043	G	00M05	MDR		202N	AY	1.00	EA	N	1.96	82048		K	.0
MTPCC	1	94201	A	00M05	481310		202N	AY	1.00	EA	N	2.66	82048		K	.0
MTPCC	1	94202	A	00M05	466887		202N	AY	1.00	EA	N	2.66	82058		K	.0
MTPCC	1	94202	A	00M10	BUTTERFLY TF-33 480165			AY	1.00	EA	N	.20	86254		K	.0
MTPCC	1	94226	A	00M05	484411		105N	AY	1.00	EA	N	4.54	81140		K	.0
MTPCC	1	94227	A	00M05	466475		202N	AY	1.00	EA	N	3.22	82058		K	.0
MTPCC	1	94227	G	00M05	ANTI ICE VALVE TDR			AY	1.00	EA	N	3.20	88153		K	.0
MTPCC	1	95001	A	00M05	ACT	31970-8	007N	AY	1.00	EA	N	2.99	80211		K	.0
MTPCC	1	95011	A	00M05	ACT	657213	007N	AY	1.00	EA	N	5.09	82133		K	.0
MTPCC	1	95015	A	00M05	ACT	30678-17	007N	AY	1.00	EA	N	3.45	80211		K	.0
MTPCC	1	95028	A	00M05	ACTUATOR	P/N 6719	304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95038	A	00M05	ACT	35-277A	008N	AY	1.00	EA	N	3.58	80219		K	.0
MTPCC	1	95036	G	00M05	TDR-QCI ANALYSIS			AY	1.00	EA	N	3.58	80208		J	.0
MTPCC	1	95038	A	00M05	ACTUATOR	GYLC 9103	304N	AY	1.00	EA	N	4.03	83069		K	.0
MTPCC	1	95042	A	00M05	ACT	152510	008N	AY	1.00	EA	N	4.00	80219		K	.0
MTPCC	1	95044	A	00M05	ACT	381585-5	008N	AY	1.00	EA	N	4.34	80219		K	.0
MTPCC	1	95052	A	00M05	ELECTRO MECH ACTUATOR		303N	AY	1.00	EA	N	2.79	83078		K	.0
MTPCC	1	95055	A	00M05	ACTUATOR	4369-1	304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95056	A	00M05	ACTUATOR	641218-3-1	304N	AY	1.00	EA	N	5.18	83069		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	95058	G	00M05	QCI-TDR ACT	541218-3-1	111N	AY	1.00	EA	N	2.23	81332		K	.0
MTPCC	1	95058	A	00M05	ACT GRP 1	1433-623304	008N	AY	1.00	EA	N	5.35	80167		K	.0
MTPCC	1	95062	A	00M05	ACTUATOR	544388-5-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95068	A	00M05	ACT GRP 2	540158-4-2	006N	AY	1.00	EA	N	2.79	80175		K	.0
MTPCC	1	95068	G	CCM05	ACTUATOR PN	540158-4-2	204N	AY	1.00	EA	N	1.85	82105		K	.0
MTPCC	1	95075	A	00M05	ACT	54106-4-2	008N	AY	1.00	EA	N	4.11	80219		K	.0
MTPCC	1	95075	G	00M05	VALVE P/N	321568-4-1	110N	AY	1.00	EA	N	1.50	81290		K	.0
MTPCC	1	95086	A	00M05	ACT	544969-2-1	008N	AY	1.00	EA	N	4.00	80219		K	.0
MTPCC	1	95086	G	00M05	ACTUATOR	544080-2-1	402N	AY	1.00	EA	N	1.50	84049		A	.0
MTPCC	1	95087	A	00M05	ACTUATOR	544020-12-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95088	A	00M05	ACTUATOR	544288-4-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95090	A	00M05	ACTUATOR	544020-15-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95093	A	00M05	ACT	34988-24	008N	AY	1.00	EA	N	3.88	80219		K	.0
MTPCC	1	95097	A	00M05	ACTUATOR	541078-3-1	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	95101	A	00M05	ACTUATOR	544014-9-2	301N	AY	1.00	EA	N	9.31	83027		K	.0
MTPCC	1	95103	A	00M05	ACT	2295A0	008N	AY	1.00	EA	N	4.67	80219		K	.0
MTPCC	1	95104	A	00M05	ACTUATOR	P/N C10046		AY	1.00	EA	E	5.23	84119		K	.0
MTPCC	1	95106	A	00M05	ACT	541216-1-1	008N	AY	1.00	EA	N	4.46	80219		K	.0
MTPCC	1	95108	G	00M05	ACTUATOR	541216-1-1	308N	AY	1.00	EA	N	1.50	83244		A	.0
MTPCC	1	95109	A	00M05	ACT	541076-4-2	008N	AY	1.00	EA	N	6.78	80219		K	.0
MTPCC	1	95109	G	00M05	ACTUATOR	541076-4-2	403N	AY	1.00	EA	N	1.50	84080		A	.0
MTPCC	1	95110	A	00M05	ACTUATOR	540906-2-2	302N	AY	1.00	EA	N	4.22	83050		K	.0
MTPCC	1	95111	A	00M05	ACTUATOR	544014-8-1	301N	AY	1.00	EA	N	9.31	83034		K	.0
MTPCC	1	95131	A	00M05	ACTUATOR	541214-1-2	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	95131	G	00M05	QCI-TDR ACT	541214-1-2	004N	AY	1.00	EA	N	2.00	80167		A	.0
MTPCC	1	95133	A	00M05	ACTUATOR	544014-9-1	301N	AY	1.00	EA	N	9.31	83034		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	95144	A	00M05	ACTUATOR	GYLC 9102	304N	AY	1.00	EA	N	4.03	83069		K	.0
MTPCC	1	95148	A	00M05	ACTUATOR	P/N 2295AD	804N	AY	1.00	EA	N	4.70	80219		K	.0
MTPCC	1	95150	A	00M05	ACTUATOR	P/N 4369-1	302N	AY	1.00	EA	N	3.77	83057		K	.0
MTPCC	1	95151	A	00M05	ACTUATOR	P/N 4396-1	304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95180	A	00M05	ACT	31974-4	008N	AY	1.00	EA	N	6.40	80219		K	.0
MTPCC	1	95185	A	00M05	[redacted]	4BC00	304N	AY	1.00	EA	N	4.84	83078		K	.0
MTPCC	1	95201	A	00M05	ACTUATOR	701300	304N	AY	1.00	EA	N	4.84	83078		K	.0
MTPCC	1	95234	A	00M05	ACT	31970-6	008N	AY	1.00	EA	N	2.99	80219		K	.0
MTPCC	1	95234	G	00M05	QUAL ANAL ACTUATOR		111N	AY	1.00	EA	N	2.00	81332		K	.0
MTPCC	1	95263	A	00M05	ACT	541368-1	008N	AY	1.00	EA	N	4.15	80219		K	.0
MTPCC	1	95263	G	00M05	QUAL ANAL	541368-1-1	011N	AY	1.00	EA	N	2.00	80339		A	.0
MTPCC	1	95304	A	00M05	ACTUATOR	540908-4-2	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	95304	G	00M05	ACTUATOR	540908-4-2	207N	AY	1.00	EA	N	1.00	82208		A	.0
MTPCC	1	95331	A	00M05	ACT GRP 2	541594-1-1	006N	AY	1.00	EA	N	2.79	80175		K	.0
MTPCC	1	95332	A	00M05	ACT GRP 2	541594-1-1	006N	AY	1.00	EA	N	2.79	80175		K	.0
MTPCC	1	95332	G	00M05	QCI-TDR ACT	541594-1-1	106N	AY	1.00	EA	N	1.50	81255		G	.0
MTPCC	1	95333	A	00M05	ACT GRP 2	541594-1-1	006N	AY	1.00	EA	N	2.79	80208		K	.0
MTPCC	1	95348	A	00M05	ACT	541366-2-1M	008N	AY	1.00	EA	N	4.38	80219		K	.0
MTPCC	1	95348	G	00M05	ACTUATOR QDR/TDR		002N	AY	1.00	EA	N	2.50	80167		A	.0
MTPCC	1	95467	A	00M05	ACT GRP 6	35-12126	005N	AY	1.00	EA	N	4.86	80167		K	.0
MTPCC	1	96524	A	00M05	Q/H ACT GP2	117892	303E	AY	1.00	EA	N	3.23	82044		K	.0
MTPCC	1	96524	A	00M10	119185		312N	AY	1.00	EA	N	2.07	85066	G	K	.0
MTPCC	1	96524	A	00M20	120289 BODY J57 VALVE		201E	AY	1.00	EA	N	.14	82023		K	.0
MTPCC	1	96524	G	00M05	MDR		105N	AY	1.00	EA	N	1.94	81157		K	.0
MTPCC	1	96638	A	00M05	CONNECTOR P/N 520480			AY	1.00	EA	N	1.34	86150		A	.0
MTPCC	1	97259	A	00M05	ACTUATOR	544020-14-1	301N	AY	1.00	EA	N	9.00	83034		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	97301	A	00M00	HARNESS ASSY CSD 111N	AY	1.00	EA	N	.89	81332		K	.0
MTPCC	1	98217	A	00M05	TF41 SOLEN VALVE P/N 184327	AY	1.00	EA	N	1.00	80219		K	.0
MTPCC	1	98223	A	00M05	TF41 SOLEN VALVE P/N 184327	AY	1.00	EA	N	1.00	80219		K	.0
MTPCC	1	98422	A	00M05	TF41 SOLEN VALVE P/N 184327	AY	1.00	EA	N	1.00	83013		K	.0
MTPCC	1	98423	A	00M05	TF41 SOLEN VALVE P/N 184327	AY	1.00	EA	N	1.00	83013		K	.0

E 0 4 6 B S T A N D A R D H O U R. T O T A L S B Y R C C & T Y P E S T A N D A RD

RCC	TYPE STD	NBR STDS	NBR STD HRS
MTPCC	E	33	169.34
	N	674	1,481.74
	X		
		707	1,681.08

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RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	00210	B	45371	CAPSTAN	99289-04	210N	BY	1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	45373	CAPSTAN	99289-04	210N	BY	1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	45375	CAPSTAN	99289-04	210N	BY	1.00	EA	N	4.12	82287		K	.0
MTPCC	1	00210	B	80026	AILERON CAPSTAN 99289-04			BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80027	RUDDER CAPSTAN 99289-04			BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80028	ELEVATOR CAPSTAN 99289-04			BY	1.00	EA	N	4.12	88251		K	.0
MTPCC	1	00210	B	80186	CK-TST-REP WA PU 6156		202N	BY	1.00	EA	N	4.90	82044		K	.0
MTPCC	4	00210	B	80175	BATT MA-4	MS24497-1	202N	BY	1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00210	B	80176	BATT-A/C	MS24497-5	202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	4	00210	B	80177	BAT-INS	7888701-11	202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00210	B	80189	BATTERY		112N	BY	1.00	EA	N	.50	81353		K	.0
MTPCC	1	00210	B	80185	BATTERY		112N	BY	1.00	EA	N	.50	81353		K	.0
MTPCC	1	00220	B	80186	CK-TST-REP WA PU		202N	BY	1.00	EA	N	4.90	82044		K	.0
MTPCC	4	00220	B	80175	BAT MA4		202N	BY	1.00	EA	N	5.40	82051		K	.0
MTPCC	4	00220	B	80176	BAT A/C	MS24497-5	202N	BY	1.00	EA	N	4.00	82051		K	.0
MTPCC	1	00230	B	80186	CK-TEST WA PU	6156	001N	BY	1.00	EA	N	4.90	80167		K	.0
MTPCC	4	00230	B	80175	BATT MA4	MS24497-1	001N	BY	1.00	EA	N	5.40	80167		K	.0
MTPCC	4	00230	B	80176	BAT A/C	MS24497-5	001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	4	00230	B	80177	BATT INS	7888701-11	001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	4	00260	B	80175	BATT MA4	MS24497-1	001N	BY	1.00	EA	N	5.40	80167		K	.0
MTPCC	4	00260	B	80176	BATT- A/C	MS24497-5	001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	4	00260	B	80177	BATT	7888701-11	001N	BY	1.00	EA	N	4.00	80167		K	.0
MTPCC	1	00416	B	80119	B52 CONV W/S WIPER	D18716-1		BY	1.00	EA	N	.01	81137		K	.0
MTPCC	1	00416	B	80120	B52 CONV W/S WIPER	D18716-1		BY	1.00	EA	N	.01	81137		K	.0
MTPCC	1	00420	B	80000	B52 SCRAM BATTERY	551-13610		BY	1.00	EA	N	10.10	81137		K	.0
MTPCC	1	23005	G	00M05	TDR ENG ACCYS		202N	DY	1 00	EA	N	.86	82044		K	.0

NOTE: G. RETEST FROM FIELD.

TDR TEAR-DOWN REP. —> A + G

A. SERVICEABLE ASSET

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23009	G	00M05	TDR ENG ACCYS		311N	DY	1.00	EA	N	.86	82044	K	.0
MTPCC	1	23030	G	00M10	TDR ENG ACCYS		102N	DY	1.00	EA	N	.86	81015	K	.0
MTPCC	1	23100	A	00M52	LEAD-LH	10-380111-1	111N	DY	1.00	EA	N	3.87	81329	K	.0
MTPCC	1	23100	A	00M53	LEAD-RH	10-380110-1	111N	DY	1.00	EA	N	3.87	81329	K	.0
MTPCC	1	23100	A	00M55	LEAD 2EA.	10-380463-1	111N	DY	1.00	EA	N	5.36	81329	K	.0
MTPCC	1	23100	A	00M60	CABLE	10-352825-1	804N	DY	1.00	EA	N	1.00	84105	K	.0
MTPCC	1	23100	A	00M70	CABLE	HAD14475		DY	1.00	EA	N	.74	84140	K	.0
MTPCC	1	23100	B	00M60	CABLE	10-352825-1	804N	DY	1.00	EA	N	.50	84105	K	.0
MTPCC	1	23100	B	00M69	MISC CABLE		309N	DY	1.00	EA	N	2.50	82051	K	.0
MTPCC	1	23100	G	00M05	TDR ENG ACCYS		102N	DY	1.00	EA	N	.86	81015	K	.0
MTPCC	1	23103	A	00M53	OH/REP IGNITION TRANSFORMER			DY	1.00	EA	N	.40	84361	K	.0
MTPCC	1	23103	A	00M54	CABLE	42189		DY	1.00	EA	N	5.10	84361	K	.0
MTPCC	1	23103	A	00M55	CABLE	42190		DY	1.00	EA	N	5.00	86303	K	.0
MTPCC	1	23103	A	00M56	CABLE	42191		DY	1.00	EA	N	4.30	84361	K	.0
MTPCC	1	23103	A	00M57	CABLE	42347		DY	1.00	EA	N	4.20	84361	K	.0
MTPCC	1	23103	B	00M69	MISC CABLE			DY	1.00	EA	N	2.50	85297	K	.0
MTPCC	1	23107	A	00M53	OH/REP IGNITION TRANSFORMER			DY	1.00	EA	N	.40	84361	K	.0
MTPCC	1	23107	A	00M54	CABLE	42189		DY	1.00	EA	N	5.10	84361	K	.0
MTPCC	1	23107	A	00M55	CABLE	42190		DY	1.00	EA	N	5.00	86303	K	.0
MTPCC	1	23107	A	00M56	CABLE	42191		DY	1.00	EA	N	4.30	84361	K	.0
MTPCC	1	23107	A	00M57	CABLE	42347		DY	1.00	EA	N	4.20	84361	K	.0
MTPCC	1	23107	B	00M69	MISC CABLE			DY	1.00	EA	N	2.50	85297	K	.0
MTPCC	1	23109	A	00M53	OH/REP IGNITION TRANSFORMER			DY	1.00	EA	N	.40	84361	K	.0
MTPCC	1	23109	A	00M54	CABLE	42189		DY	1.00	EA	N	5.10	84361	K	.0
MTPCC	1	23109	A	00M55	OH/REP CABLE			DY	1.00	EA	N	5.00	86303	K	.0
MTPCC	1	23109	A	00M56	CABLE	42191		DY	1.00	EA	N	4.30	84361	K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION			SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23109	A	00M57	CABLE	42347		DY	1.00	EA	N	4.20	84361		K	.0
MTPCC	1	23109	B	00M69	MISC CABLE			DY	1 00	EA	N	2 50	85297		K	.0
MTPCC	1	23111	A	00M52	LEAD-LH	10-380111-1	111N	DY	1.00	EA	N	3.87	85319		K	.0
MTPCC	1	23111	A	00M53	LEAD-RH	10-380110-1	111N	DY	1.00	EA	N	3.87	85319		K	.0
MTPCC	1	23111	A	00M55	LEAD 2EA.	10-380463-1	111N	DY	1.00	EA	N	5.36	85319		K	.0
MTPCC	1	23111	A	00M60	CABLE	10-352825-1	804N	DY	1.00	EA	N	1.00	85337		K	.0
MTPCC	1	23111	A	00M70	CABLE	HAD14475		DY	1.00	EA	N	.74	85337		K	.0
MTPCC	1	23111	B	00M60	CABLE	10-352825-1	804N	DY	1.00	EA	N	.50	84105		K	.0
MTPCC	1	23111	B	00M69	MISC CABLE		309N	DY	1.00	EA	N	2.50	85297		A	.0
MTPCC	1	23119	A	00M53	OH/REP IGNITION TRANSFORMER			DY	1.00	EA	N	.40	84361		F	.0
MTPCC	1	23119	A	00M54	CABLE	42189		DY	1.00	EA	N	5.10	84361		F	.0
MTPCC	1	23119	A	00M55	OH/REP CABLE			DY	1.00	EA	N	5.00	86303		F	.0
MTPCC	1	23119	A	00M56	CABLE	42191		DY	1.00	EA	N	4.30	84361		F	.0
MTPCC	1	23119	A	00M57	CABLE	42347		DY	1.00	EA	N	4.20	84361		F	.0
MTPCC	1	23301	A	00M50	CABLE EXCTR R/S/I	49110-102N		DY	1.00	EA	N	.68	82044		K	.0
MTPCC	1	23301	A	00M51	CABLE EXCTR L/S/I	49111 102N		DY	1.00	EA	N	.68	82044		K	.0
MTPCC	1	23301	A	00M52	CABLE TC REAR	484340 102N		DY	1.00	EA	N	.93	82044		K	.0
MTPCC	1	23301	A	00M53	CABLE TC FRONT	481619 102N		DY	1.00	EA	N	.93	82044		K	.0
MTPCC	1	23301	A	00M69	MIS CABLE REP		102N	DY	1.00	EA	N	.25	81015		K	.0
MTPCC	1	23301	B	00M50	CABLE EXCTR R/S/I	49110 202N		DY	1.00	EA	N	.34	82044		K	0
MYPCC	1	23301	B	00M51	CABLE EXCTR L/S/I	49111 202N		DY	1.00	EA	N	.34	82044		K	.0
MTPCC	1	23301	B	00M52	CABLE T/C REAR	484340 202N		DY	1.00	EA	N	.46	82044		K	.0
MTPCC	1	23301	B	00M53	CABLE TC FRONT	481619 202N		DY	1.00	EA	N	.46	82044		K	0
MTPCC	1	23301	B	00M69	MISC CABLE REPAIR		202N	DY	1.00	EA	N	.25	82044		K	.0
MTPCC	1	23302	A	00M50	O/H CABLE 40780			DY	1.00	EA	N	1.38	86336		K	.0
MTPCC	1	23302	A	00M52	O/H CABLE 434505			DY	1.00	EA	N	.93	86322		K	0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23302	A	00M53	O/H CABLE 41039		DY	1.00	EA	N	4.21	86336		K	.0
MTPCC	1	23302	A	00M54	O/H CABLE 41038		DY	1.00	EA	N	4.21	86336		K	.0
MTPCC	1	23303	A	00M16	CABLE 419323	102N	DY	1.00	EA	N	1.88	81015		K	.0
MTPCC	1	23303	A	00M50	CABLE 448617	102N	DY	1.00	EA	N	1.88	81015		K	.0
MTPCC	1	23303	A	00M52	CABLE TF33,P3		DY	1.00	EA	N	.85	87113		K	.0
MTPCC	1	23303	A	00M53	CABLE 10-166496-1	102N	DY	1.00	EA	N	.85	81015		K	.0
MTPCC	1	23303	A	00M54	CABLE 10-166497-1	102N	DY	1.00	EA	N	.85	81015		K	.0
MTPCC	1	23303	A	00M55	CABLE 10-166498-1	102N	DY	1.00	EA	N	.77	81015		K	.0
MTPCC	1	23303	A	00M69	MISC CABLE REPAIR	102N	DY	1.00	EA	N	.25	81015		K	.0
MTPCC	1	23303	A	00M93	ENGINE ACCESS	102N	DY	1.00	EA	N	4.40	81015		K	.0
MTPCC	1	23303	B	00M69	MISC CABLE REPAIR	102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	23305	A	00M50	CABLE 40780	102N	DY	1.00	EA	N	1.38	81015		K	.0
MTPCC	1	23305	A	00M51	SWITCH 481695		DY	1.00	EA	N	2.05	87113		K	.0
MTPCC	1	23305	A	00M52	CABLE 434505	102N	DY	1.00	EA	N	.93	81015		K	.0
MTPCC	1	23305	A	00M53	HARNESS 41039	102N	DY	1.00	EA	N	4.21	81015		K	.0
MTPCC	1	23305	A	00M54	HARNESS 41038	102N	DY	1.00	EA	N	4.21	81015		K	.0
MTPCC	1	23305	A	00M69	MISC CABLE REPAIR	102N	DY	1.00	EA	N	.25	81015		K	.0
MTPCC	1	23305	A	00M93	ENGINE ACCESS	102N	DY	1.00	EA	N	11.10	82044		K	.0
MTPCC	1	23305	A	CBM51	CABLE TR REAR	102N	DY	1.00	EA	N	.68	81015		K	.0
MTPCC	1	23305	B	00M51	SWITCH 377102	202N	DY	1.00	EA	N	2.05	82051		K	.0
MTPCC	1	23305	B	00M52	CABLE 434505	102N	DY	1.00	EA	N	.27	81015		K	.0
MTPCC	1	23305	B	00M53	CABLE 41039	102N	DY	1.00	EA	N	.90	81015		K	.0
MTPCC	1	23305	B	00M54	CABLE 41038	102N	DY	1.00	EA	N	1.59	81015		K	.0
MTPCC	1	23305	B	00M69	MISC CABLE REPAIR	102N	DY	1.00	EA	N	.33	81015		K	.0
MTPCC	1	23305	B	CBM51	CABLE TC REAR 421486	102N	DY	1.00	EA	N	.77	81015		K	.0
MTPCC	1	23305	B	CCM50	CABLE 40780	102N	DY	1.00	EA	N	.22	81015		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	23307	A	00M50	CABLE 41804	106N DY	1.00	EA	N	4.01	81137		K	.0
MTPCC	1	23307	A	00M51	HI-TENS LEAD	102N DY	1.00	EA	N	4.29	81015		K	.0
MTPCC	1	23307	A	00M52	484340	106N DY	1.00	EA	N	1.01	82044		K	.0
MTPCC	1	23307	A	00M53	CABLE 481619	106N DY	1.00	EA	N	1.01	82044		K	.0
MTPCC	1	23307	A	00M69	MIS CABLE REP	106N DY	1.00	EA	N	33	81137		K	.0
MTPCC	1	23309	A	00M50	CABLE 42053	102N DY	1.00	EA	N	4.66	81017		K	.0
MTPCC	1	23309	A	00M51	CABLE 42054	102N DY	1.00	EA	N	4.66	81017		K	.0
MTPCC	1	23309	A	00M52	CABLE 434605	102N DY	1.00	EA	N	.93	81017		K	.0
MTPCC	1	23309	A	00M69	MISC CABLE	102N DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	23309	B	00M51	CABLE HT 42054	102N DY	1.00	EA	N	.93	81017		K	.0
MTPCC	1	23309	B	00M69	MISC CABLE REPAIR	102N DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	23309	B	CBM50	CABLE 42053	102N DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	23313	A	00M15	O/H CABLE 419323	DY	1.00	EA	N	1.88	86256		K	.0
MTPCC	1	23313	A	00M50	O/H CABLE 448617	DY	1.00	EA	N	1 86	86256		K	.0
MTPCC	1	23313	A	00M53	RECOND CABLE 10-166496-1	DY	1.00	EA	N	.85	86259		K	.0
MTPCC	1	23313	A	00M54	O/H CABLE 10-166497-1	DY	1.00	EA	N	.85	86256		K	.0
MTPCC	1	23313	A	00M55	O/H CABLE 10-166498-1	DY	1.00	EA	N	.77	86256		K	0
MTPCC	1	24101	A	00M86	TF41 T5 TEMP BOX 6861895	DY	1.00	EA	N	.71	86220		K	.0
MTPCC	1	24101	A	00M87	TF41 THERMO T-1 6866874	DY	1.00	EA	N	.73	86209		K	.0
MTPCC	1	24101	A	00M88	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	.90	86212		K	.0
MTPCC	1	24101	A	00M89	MISC CABLE REP 102N	DY	1.00	EA	N	.25	81017		K	.0
MTPCC	1	24101	A	00M70	TF41 PWR HARNESS 6868773	DY	1.00	EA	N	8.33	86223		K	.0
MTPCC	1	24101	A	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.50	86139		K	0
MTPCC	1	24101	A	00M74	TF41 PRESS F/SWITCH 6866300	DY	1.00	EA	N	.97	86139		K	.0
MTPCC	1	24101	A	00M75	TF41 T5 HARNESS 6861778	DY	1.00	EA	N	.68	86190		K	.0
MTPCC	1	24101	A	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.77	86190		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24101	A	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24101	A	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	90	86192		K	.0
MTPCC	1	24101	B	00M66	TF41 T5 TEMP BOX 6861895	DY	1.00	EA	N	.53	86220		K	.0
MTPCC	1	24101	B	00M67	TF41 THERMO T-1 6866874	DY	1.00	EA	N	.54	86209		K	.0
MTPCC	1	24101	B	00M68	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	.67	86212		K	.0
MTPCC	1	24101	B	00M69	MISC CABLE 111N	DY	1.00	EA	N	.18	81332		K	.0
MTPCC	1	24101	B	00M70	TF41 PWR HARNESS 6868773	DY	1.00	EA	N	6.24	86223		K	.0
MTPCC	1	24101	B	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.37	86139		K	.0
MTPCC	1	24101	B	00M74	TF41 PRESS F/SWITCH 6868300	DY	1.00	EA	N	.73	86139		K	.0
MTPCC	1	24101	B	00M75	TF41 T5 HARNESS ASY 6861778	DY	1.00	EA	N	.51	86190		K	.0
MTPCC	1	24101	B	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.57	86190		K	.0
MTPCC	1	24101	B	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.57	86191		K	.0
MTPCC	1	24101	B	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.67	86192		K	.0
MTPCC	1	24101	B	00M79	REP TF41 CABLE 23004350	DY	1.00	EA	N	.37	88012		K	0
MTPCC	1	24101	G	00M06	TDR ENG ACCY TF41A1 102N	DY	1.00	EA	N	1.00	81017		K	.0
MTPCC	1	24102	A	00M51	TF41 T3 HARNESS ASSY 6867264	DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	24102	A	00M52	WORKHORSE HARNS 6867264 102N	DY	1.00	EA	N	.01	81017		K	.0
MTPCC	1	24102	A	00M59	TF41 LEAD ASSY T5 6865848	DY	1.00	EA	N	.68	81017		K	.0
MTPCC	1	24102	A	00M66	TF41 T5 TEMP BOX 6861895	DY	1.00	EA	N	.71	86220		K	.0
MTPCC	1	24102	A	00M67	TF41 THERMO T-1 6866879	DY	1.00	EA	N	.73	86209		K	.0
MTPCC	1	24102	A	00M68	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	.90	86212		K	.0
MTPCC	1	24102	A	00M69	MISC CABLE REPAIR 102N	DY	1.00	EA	N	.28	81017		K	.0
MTPCC	1	24102	A	00M70	O/H TF41 PW HARNESS 6899451	DY	1.00	EA	N	11.00	85081		K	.0
MTPCC	1	24102	A	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.50	86139		K	.0
MTPCC	1	24102	A	00M74	TF41 PRESS F/SWITCH 6868300	DY	1.00	EA	N	.97	86139		K	.0
MTPCC	1	24102	A	00M75	TF41 T5 LEAD ASSY 6866304	DY	1.00	EA	N	.68	86190		K	.0

RCC	FAC	CTL NO	J O	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24102	A	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24102	A	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.77	86191		K	.0
MTPCC	1	24102	A	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.90	86192		K	.0
MTPCC	1	24102	B	00M51	TF41 T3 HARNESS ASSY 6867264	DY	1.00	EA	N	.51	81140		K	.0
MTPCC	1	24102	B	00M52	WORKHORSE HARNS 6867264	DY	1.00	EA	N	.01	86223		K	.0
MTPCC	1	24102	B	00M59	TF41 LEAD ASSY T5 6865048	DY	1.00	EA	N	.51	88212		K	.0
MTPCC	1	24102	B	00M66	TF41 TT5 TEMP BOX 6861895	DY	1.00	EA	N	.53	86220		K	.0
MTPCC	1	24102	B	00M67	TF41 THERMO T-1 6866879	DY	1.00	EA	N	.54	86209		K	.0
MTPCC	1	24102	B	00M68	TF41 LEAD ASSY R/H 6865871	DY	1.00	EA	N	.67	86212		K	.0
MTPCC	1	24102	B	00M69	TF41 MISC CABLE REPAIR	DY	1.00	EA	N	.18	86220		K	.0
MTPCC	1	24102	B	00M70	TF41 PW HARNESS ASSY 6899451	DY	1.00	EA	N	8.25	85343		K	.0
MTPCC	1	24102	B	00M73	TF41 THERMAL BLUB 6861673	DY	1.00	EA	N	.37	86139		K	.0
MTPCC	1	24102	B	00M74	TF41 PRESS F/SWITCH 6866300	DY	1.00	EA	N	.73	86139		K	.0
MTPCC	1	24102	B	00M75	TF41 T5 LEAD ASY 6866304	DY	1.00	EA	N	.51	86190		K	.0
MTPCC	1	24102	B	00M76	TF41 T5 HARNESS POS 6866872	DY	1.00	EA	N	.57	86191		K	.0
MTPCC	1	24102	B	00M77	TF41 T5 HARNESS NEG 6866873	DY	1.00	EA	N	.57	86191		K	.0
MTPCC	1	24102	B	00M78	TF41 LEAD ASSY L/H 6865872	DY	1.00	EA	N	.67	86192		K	.0
MTPCC	1	24102	G	00M06	TDR ENG ACCY TF41-A2 106N	DY	1.00	EA	N	.86	81140		K	.0
MTPCC	1	24104	G	00M06	TDR TF41-A400 ENG ACCY 102N	DY	1.00	EA	N	1.22	81020		K	.0
MTPCC	1	24402	A	00M10	RECODE EMS HARNESS 23006511	DY	1.00	EA	N	1.00	87266		A	.0
MTPCC	1	24402	A	00M66	REP TF41 T5 TEMP BOX 6879616	DY	1.00	EA	N	.71	87265		A	.0
MTPCC	1	24402	A	00M67	REP TF41 THERMO T1 6869983	DY	1.00	EA	N	.73	87266		A	.0
MTPCC	1	24402	A	00M68	REP TF41 LEAD R H 6892439	DY	1.00	EA	N	.90	87266		A	.0
MTPCC	1	24402	A	00M70	REP TF41 PWR HARNESS 6893138	DY	1.00	EA	N	8.33	87266		K	.0
MTPCC	1	24402	A	00M73	TST TF41 THERM BULB 6861673	DY	1.00	EA	N	.50	87267		A	0
MTPCC	1	24402	A	00M74	REP TF41 F PRESS SW 6866300	DY	1.00	EA	N	.97	87267		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	24402	A	00M75	REP TF41 T5 LEAD 6868304	DY	1.00	EA	N	.68	87267		K	.0
MTPCC	1	24402	A	00M76	REP TF41 T5 HARN POS 6869697	DY	1.00	EA	N	.77	87267		A	.0
MTPCC	1	24402	A	00M77	REP TF41 T5 HARN NEG 6869696	DY	1.00	EA	N	.77	87267		A	.0
MTPCC	1	24402	A	00M78	REP TF41 LEAD L H 6892440	DY	1.00	EA	N	.90	87267		A	.0
MTPCC	1	24402	B	00M10	RECODE TF41 EMS H 23008119	DY	1.00	EA	N	.75	87273		A	.0
MTPCC	1	24402	B	00M51	REP TF41 T3 HARN 6869984	DY	1.00	EA	N	.51	87278		A	.0
MTPCC	1	24402	B	00M66	REP TF41 T5 JUNC BOX 6879618	DY	1.00	EA	N	.53	87273		A	.0
MTPCC	1	24402	B	00M67	REP TF41 T1 THERMO 6869997	DY	1.00	EA	N	.54	87273		A	.0
MTPCC	1	24402	B	00M68	REP TF41 IGN LD R H 6892440	DY	1.00	EA	N	.67	87273		A	.0
MTPCC	1	24402	B	00M70	REP TF41 PWR HARNESS 6899452	DY	1.00	EA	N	2.10	87272		A	.0
MTPCC	1	24402	B	00M76	REP TF41 T5 HARN POS 6869697	DY	1.00	EA	N	.57	87273		K	0
MTPCC	1	24402	B	00M77	REP TF41 T5 HARN NEG 6869696	DY	1.00	EA	N	.57	87278		A	.0
MTPCC	1	24402	B	00M78	REP TF41 LEAD L/H 6892439	DY	1.00	EA	N	.67	87278		A	.0
MTPCC	1	24402	P	00M79	REP TF41 T1 LEAD 6869997	DY	1.00	EA	N	.37	87278		A	.0
MTPCC	1	25743	A	00M50	LEAD 10-106818-1J87-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M51	LEAD 10-111800-1 J87-43 102N	DY	1.00	EA	N	5.50	88187		K	.0
MTPCC	1	25743	A	00M52	LEAD 10-160116-1 J57-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M53	LEAD 10-160115-1 J57-43 102N	DY	1.00	EA	N	.68	81022		K	.0
MTPCC	1	25743	A	00M54	HARNESS J57-43 348262 207N	DY	1.00	EA	N	.93	82191		F	.0
MTPCC	1	25743	A	00M55	HARNESS 323145 J57-43 102N	DY	1.00	EA	N	.93	81022		K	.0
MTPCC	1	25743	A	00M56	CABLE 10-166491-1 J5-43 102N	DY	1.00	EA	N	1.48	81022		K	.0
MTPCC	1	25743	A	00M57	CABLE 10-111805-1 102N	DY	1.00	EA	N	1.48	81022		K	.0
MTPCC	1	25743	A	00M69	MISC CABLE REP J57-43 102N	DY	1.00	EA	N	.25	81022		K	.0
MTPCC	1	25743	B	00M69	MICS CABLE REPAIR 102N	DY	1.00	EA	N	.25	81022		K	.0
MTPCC	1	27914	A	00M25	J79 THR LEAD FLEX 108C2689P1	DY	1.00	EA	N	.55	83176		K	.0
MTPCC	1	27914	A	00M30	J79 CABLE IGN 41825 306N	DY	1.00	EA	N	.47	83176		K	0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27914	A	00M35	J79 LEAD MAIN #2 517D377P2	DY	1.00	EA	N	.54	83176		K	.0
MTPCC	1	27914	A	00M40	J79 CAB IGN MAIN 106C5282P1	DY	1.00	EA	N	.53	83176		K	.0
MTPCC	1	27914	A	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.48	83176		K	.0
MTPCC	1	27914	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83176		K	.0
MTPCC	1	27914	A	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.45	83176		K	.0
MTPCC	1	27914	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83176		K	.0
MTPCC	1	27914	A	00M65	J79 LEAD IGN 105B5422P1 306N	DY	1.00	EA	N	.50	83176		K	.0
MTPCC	1	27914	A	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27914	A	00M75	J79 CABLE 105B2411P2 306N	DY	1.00	EA	N	.50	83176		K	.0
MTPCC	1	27914	B	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M30	J79 CABLE IGN 41825 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M35	J79 LEAD MAIN #2 517D377P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M40	J79 CAB IGN MAIN 106C5282P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	02	83176		K	0
MTPCC	1	27914	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M65	J79 LEAD IGN 105B5422P1 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27914	B	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27914	B	00M75	J79 CABLE 105B2411P2 306N	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27915	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27915	A	00M30	J79 CAB IGNITION 41825 109N	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27915	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	54	81301		K	.0
MTPCC	1	27915	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27915	A	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.48	81315		K	.0
MTPCC	1	27915	A	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27915	A	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27915	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	57	81301		K	.0
MTPCC	1	27915	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	81301		K	.0
MTPCC	1	27915	A	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27915	A	00M75	J79 CAB SPEC PUR 10582411P2	DY	1 00	EA	N	.50	81315		K	0
MTPCC	1	27915	B	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M30	J79 CAB IGNITION 41825 109N	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M45	J79 LEAD IGN A/B 512D833P3	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M55	J79 ELECT CABLE 3015M19P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27915	B	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	02	82233		K	.0
MTPCC	1	27915	B	00M70	J79 CABLE ASSY 517D579P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27915	B	00M75	J79 CAB SPEC PUR 10582411P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27916	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83239		K	0
MTPCC	1	27916	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.55	83187		K	.0
MTPCC	1	27916	A	00M30	J79 CABLE IGN 41825 306N	DY	1.00	EA	N	.47	83187		K	.0
MTPCC	1	27916	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1 00	EA	N	.54	83187		K	0
MTPCC	1	27916	A	00M40	J79 CAB IGN MAIN 106C5282P1	DY	1.00	EA	N	.53	83187		K	.0
MTPCC	1	27916	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	83187		K	.0
MTPCC	1	27916	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1 00	EA	N	.55	83187		K	.0
MTPCC	1	27916	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27916	A	00M60	J79 CAB SPEC PUR 5014M45P02	DY	1.00	EA	N	.57	83187		K	.0
MTPCC	1	27916	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	83187		K	0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27918	A	00M70	J79 CAB LEAD ELEC 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27916	A	00M75	J79 CAB SPEC PUR 105B2411P2	DY	1.00	EA	N	.50	83187		K	.0
MTPCC	1	27916	A	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27917	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83104		K	.0
MTPCC	1	27917	A	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27917	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	81290		K	.0
MTPCC	1	27917	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	81290		K	.0
MTPCC	1	27917	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	81290		K	.0
MTPCC	1	27917	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	81290		K	.0
MTPCC	1	27917	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	81290		K	.0
MTPCC	1	27917	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	81290		K	.0
MTPCC	1	27917	A	00M60	J79 CABLE ASSY 5014M46P02	DY	1.00	EA	N	.57	81301		K	.0
MTPCC	1	27917	A	00M65	J79 LEAD IGN 105B5422P1	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27917	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27917	A	00M75	J79 CAB SPEC PUR 105B2411P2	DY	1.00	EA	N	.50	81315		K	.0
MTPCC	1	27917	A	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.45	82219		K	.0
MTPCC	1	27917	B	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.25	83260		K	.0
MTPCC	1	27917	B	00M25	J79 LEAD THR FLEX 106C2689P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M50	J79 THR LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	82233		K	0
MTPCC	1	27917	B	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M60	J79 CABLE ASSY 5014M46P02	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M65	J79 LEAD IGN 105B5422P1	DY	1.00	EA	N	.02	82233		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27917	B	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27917	B	00M75	J79 CAB SPEC PUR 105B2411P2	DY	1.00	EA	N	.02	82233		K	.0
MTPCC	1	27917	B	00M80	J79 ELECT LEAD 5032M26P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	A	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83239		K	.0
MTPCC	1	27918	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.55	83187		K	.0
MTPCC	1	27918	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	83187		K	.0
MTPCC	1	27918	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	83187		K	.0
MTPCC	1	27918	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.53	83187		K	.0
MTPCC	1	27918	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	83187		K	.0
MTPCC	1	27918	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83187		K	.0
MTPCC	1	27918	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27918	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83187		K	.0
MTPCC	1	27918	A	00M65	J79 LEAD IGN 105B5422P1	DY	1.00	EA	N	.50	83187		K	.0
MTPCC	1	27918	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27918	A	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.50	83187		K	.0
MTPCC	1	27918	A	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.45	83187		K	.0
MTPCC	1	27918	B	00M22	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.25	83239		K	.0
MTPCC	1	27918	B	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.02	83211		K	.0
MTPCC	1	27918	B	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M65	J79 LEAD IGN 105B5422P1	DY	1.00	EA	N	.02	83176		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	27918	B	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	.03	88182		K	.0
MTPCC	1	27918	B	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.02	83176		K	.0
MTPCC	1	27918	B	00M80	J79 LEAD ELECT 5032M26P02	DY	1.00	EA	N	.04	83176		K	.0
MTPCC	1	27919	A	00M21	J79 SWITCH 5032M29P01	DY	1.00	EA	N	.50	83239		K	.0
MTPCC	1	27919	A	00M25	J79 THR LEAD FLEX 106C2689P1	DY	1.00	EA	N	55	83187		A	.0
MTPCC	1	27919	A	00M30	J79 CABLE IGN 41825	DY	1.00	EA	N	.47	83187		A	.0
MTPCC	1	27919	A	00M35	J79 LEAD MAIN IGN 517D377P2	DY	1.00	EA	N	.54	83187		A	.0
MTPCC	1	27919	A	00M40	J79 CAB MAIN IGN 106C5282P1	DY	1.00	EA	N	.63	83187		A	0
MTPCC	1	27919	A	00M45	J79 LEAD IGN A/B 517D818P01	DY	1.00	EA	N	.48	83187		A	.0
MTPCC	1	27919	A	00M50	J79 THER LEAD RIG 106C2691P2	DY	1.00	EA	N	.55	83187		A	.0
MTPCC	1	27919	A	00M55	J79 ELECT CABLE 5035M75P01	DY	1.00	EA	N	.45	83187		A	.0
MTPCC	1	27919	A	00M60	J79 CABLE ASSY 5014M45P02	DY	1.00	EA	N	.57	83187		A	.0
MTPCC	1	27919	A	00M65	J79 LEAD IGN 10585422P1	DY	1.00	EA	N	.50	83187		A	.0
MTPCC	1	27919	A	00M70	J79 LEAD ELECT 5035M94P01	DY	1.00	EA	N	2.75	88182		K	.0
MTPCC	1	27919	A	00M75	J79 CABLE SPE PUR 105B2411P2	DY	1.00	EA	N	.50	83187		A	.0
MTPCC	1	27919	A	00M80	J79 LEAD ELECT 5032M25P02	DY	1.00	EA	N	.45	83187		A	.0
MTPCC	1	29024	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29043	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29412	A	00M05	SHAFT 109N	BY	1.00	EA	N	1.00	81259		A	.0
MTPCC	1	29412	A	00M50	CABLE SENS 10-352647-1	BY	1.00	EA	N	.68	86177		K	0
MTPCC	1	30011	A	00M05	CABLE BRANCHED 201-3200 007N	DY	1.00	EA	N	2.30	80209		K	.0
MTPCC	1	30033	A	00M05	REP SOLENOID 699803A 102N	DY	1.00	EA	N	.37	81022		K	.0
MTPCC	1	30033	A	00M10	HARNESS P/N 54552 102N	DY	1.00	EA	N	.69	82247		K	.0
MTPCC	1	30041	A	00M05	REP CSD HARNESS 692104A007N	DY	1.00	EA	N	.03	80211		F	.0
MTPCC	1	30048	A	00M05	REP CSD COMPNTS F-111 007N	DY	1.00	EA	N	.99	80209		K	.0
MTPCC	1	30057	A	00M05	HARNESS ASSY CSD 54528 106N	DY	1.00	EA	N	.06	81140		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	30160	A	00M05	ACT 408889	007N AY	1.00	EA	N	3.32	80208		K	.0
MTPCC	1	31261	A	00M05	SCOOP P/N 540246-6	301N BY	1.00	EA	N	7.24	83015		K	.0
MTPCC	1	31261	G	00M05	QDR/IDR SCOOP 540246-6	007N BY	1.00	EA	N	2.50	80208		K	.0
MTPCC	1	31288	A	00M05	ACTUATOR 4369-1	304N AY	1.00	EA	N	3.77	83078		K	.0
MTPCC	1	31289	A	00M05	ACT GYLC 6497	007N AY	1.00	EA	N	3.92	80208		K	.0
MTPCC	1	31364	G	00M05	ACT QUAL ANAL 1009350	007N AY	1.00	EA	N	2.00	80217		K	.0
MTPCC	1	31788	A	00M05	ACTUATOR 113838	305N AY	1.00	EA	N	3.23	80167		K	.0
MTPCC	1	31986	A	00M05	ACT 30678-17	007N AY	1.00	EA	N	3.26	80208		K	.0
MTPCC	1	34055	A	00M05	CABLE TF30 P/N 43278	DY	1.00	EA	N	11.98	85197		K	.0
MTPCC	1	34055	G	00M05	PERF TDR CABLE ASSY 001N	DY	1.00	EA	N	1.38	80167		A	.0
MTPCC	1	34103	A	00M05	OH TF41 P M GENER 6866889	BY	1.00	EA	N	6.00	80208		K	.0
MTPCC	1	34103	G	00M05	QDR/TDR GEN 6866889	106N BY	1.00	EA	N	1.50	81140		K	.0
MTPCC	1	34107	A	00M05	HARNESS 54552	007N DY	1.00	EA	N	1.65	80198		K	.0
MTPCC	1	34107	G	00M05	QUAL ANAL HARNESS 54552	007N DY	1.00	EA	N	1.84	80208		K	.0
MTPCC	1	34108	A	00M05	TACH-GENERATOR 6862450	201N BY	1.00	EA	N	1.44	82009		A	.0
MTPCC	1	34148	A	00M05	MAJOR REPAIR TRANSDUCER	110N BY	1.00	EA	N	7.20	82044		K	.0
MTPCC	1	34148	A	00M05	STAT RTR 10-387925-1	007N BY	1.00	EA	N	.96	80198		K	.0
MTPCC	1	34149	A	00M05	BOX&CABLE HAD15100	308N DY	1.00	EA	N	3.45	81327		K	.0
MTPCC	1	34149	G	00M05	BOX & CABLE HAD15100	DY	1.00	EA	N	1.00	85309		A	.0
MTPCC	1	34156	A	00M05	CABLE TF-30 10-352650-1	111N DY	1.00	EA	N	3.71	81327		K	.0
MTPCC	1	34161	A	00M05	CABLE TF30 10-352648	207N BY	1.00	EA	N	8.82	82184		F	.0
MTPCC	1	34161	G	00M05	CABLE P/N 10-352648	212N BY	1.00	EA	N	1.59	82345		A	.0
MTPCC	1	34164	A	00M05	BOX&CABLE HAD14775	309N DY	1.00	EA	N	3.45	81327		K	.0
MTPCC	1	34164	G	00M05	PERFORM QUAL ANALYSIS	012N DY	1.00	EA	N	1.50	81006		A	.0
MTPCC	1	34167	A	00M05	CABLE 10-352649-1	111N DY	1.00	EA	N	4.70	81327		K	.0
MTPCC	1	34167	G	00M05	CABLE P/N 10-352649-1	211N DY	1.00	EA	N	.70	82322		A	199.8

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	34179	A	00M05	FILTER SWITCH	481695 110N	DY	1.00	EA	N	1.52	81292		K	.0
MTPCC	1	34179	G	00M05	QUAL AUDIT SWIT	481695 004N	DY	1.00	EA	N	1.17	80167		A	.0
MTPCC	1	34287	A	00M05	HARNESS 42440	TF33	DY	1.00	EA	N	5.71	88183		K	.0
MTPCC	1	34287	G	00M05	QUALITY AUDIT		DY	1.00	EA	N	2.00	85149		A	.0
MTPCC	1	34324	A	00M05	CABLE	P/N 578131 305N	DY	1.00	EA	N	3.45	82184		K	.0
MTPCC	1	34324	G	00K05	TDR CABLE	108N	DY	1.00	EA	N	1.00	81255		A	.0
MTPCC	1	34327	A	00M05	ACT GRP 1	1433-663089 006N	AY	1.00	EA	N	5.71	80209		K	.0
MTPCC	1	34327	G	00M05	ACTUATOR	1433-663089 308N	AY	1.00	EA	N	1.50	83260		A	.0
MTPCC	1	34333	A	00M05	BOX & CABLE	578130 308N	DY	1.00	EA	N	3.45	80167		K	.0
MTPCC	1	34333	G	00M05	CABLE & BOX	578130 007N	DY	1.00	EA	N	1.67	80217		K	.0
MTPCC	1	34510	A	00M05	CLUTCH PACK	42102R110 007N	BY	1.00	EA	N	19.59	80209		K	.0
MTPCC	1	34510	G	00M05	CLUTCH PACK	42102R110 007N	BY	1.00	EA	N	5.69	80209		K	.0
MTPCC	1	34512	A	00M05	ACTUATOR	1436-543054	AY	1.00	EA	N	5.13	88210		K	.0
MTPCC	1	34513	A	00M05	ACTUATOR	P/N 701000 405E	AY	1.00	EA	E	4 97	84152		K	.0
MTPCC	1	34522	A	00M05	ACT GRP 1	1433-613187 005N	AY	1.00	EA	N	5.42	80167		K	.0
MTPCC	1	34522	G	00M05	TDR ACTUATOR	1433-613187	AY	1.00	EA	N	1.15	88258		A	199.8
MTPCC	1	34544	A	00M05	ACTUATOR	1433-613523	AY	1.00	EA	E	5.86	84124		K	.0
MTPCC	1	34544	G	00M05	TDR ACTUATR	1433-613523 002N	AY	1.00	EA	N	1.15	80167		A	.0
MTPCC	1	34549	A	00M05	OVERHAUL GEN	P/N 625222 110N	BY	1.00	EA	N	5.00	82044		F	.0
MTPCC	1	34549	G	00M05	PRE QUALITY ANALYSIS	111N	BY	1.00	EA	N	1.50	81332		K	.0
MTPCC	1	34642	A	00M05	ACT	541216-1-1 007N	AY	1.00	EA	N	4.36	80209		K	.0
MTPCC	1	35008	A	00M05	SERVO	669777-361 302N	BY	1.00	EA	E	8.02	83057		H	.0
MTPCC	1	35008	G	00M05	QUAL ANAL	669777-361 007N	BY	1.00	EA	N	3.22	80209		K	.0
MTPCC	1	35009	A	00M05	MTR & DRV	684244-31 007N	BY	1.00	EA	N	7.98	80209		K	.0
MTPCC	1	35009	G	00M05	MTR & DRIVE	684244-31 303N	BY	1.00	EA	N	2.00	83055		K	.0
MTPCC	1	35018	G	00M05	DRUM & BRACKET	669779 212N	BY	1.00	EA	N	1.00	82345		A	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	35019	A	00M05	SERVO 68977-541	302N	BY 1.00	EA	E	8.02	83078		H	.0
MTPCC	1	35019	G	00M05	TDR SERVO 669777-541	106N	BY 1.00	EA	N	3.22	81140		K	.0
MTPCC	1	35022	A	00M05	REP CABLE 166495-1 TF33		DY 1.00	EA	N	4.50	88183		K	.0
MTPCC	1	35022	G	00M05	CABLE P/N 166495-1	311N	DY 1.00	EA	N	.50	83346		A	.0
MTPCC	1	35048	G	00M05	SWITCH PB-1A	302N	DY 1.00	EA	N	1.00	83050		A	.0
MTPCC		35089	A	00M05	PLW P/N 4002	301N	BY 1.00	EA	N	3.92	83029		K	.0
MTPCC	1	35098	A	00M05	O/H ACTUATOR 16784-1A	303E	BY 1.00	EA	E	9.34	83062		K	.0
MTPCC	1	35096	G	00M05	ACTUATOR 16784-1A	106N	BY 1.00	EA	N	4.47	81140		K	.0
MTPCC	1	35097	A	00M05	ACTUATOR 16782-1C	106N	BY 1.00	EA	N	8.91	81140		K	.0
MTPCC	1	35097	G	00M05	TDR ACTUATOR 16782-1C	106N	BY 1.00	EA	N	4.38	81140		K	.0
MTPCC	1	35356	A	00M05	PUMP RG9680	007N	BY 1.00	EA	N	3.92	80209		K	.0
MTPCC	1	35356	G	00M05	PUMP RG9680	007N	BY 1.00	EA	N	2.49	80209		K	.0
MTPCC	1	35503	A	00B10	O/H SWITCH 481695		DY 1.00	EA	N	1.52	87078		K	.0
MTPCC	1	35508	A	00M05	PUMP 043492-010-01	007N	BY 1.00	EA	N	3.47	80209		K	.0
MTPCC	1	35508	G	00M05	QDR PUMP	107N	BY 1.00	EA	N	1.50	81220		A	.0
MTPCC	1	37649	A	00M05	ACTUATOR P/N 38140-7	405E	AY 1.00	EA	E	4.36	84147		X	.0
MTPCC	1	37713	A	00M05	CAPSTAN 99289-04	007N	BY 1.00	EA	N	1.12	80209		K	.0
MTPCC	1	37713	G	00M05	CAPSTAN TDR 99289-04	007N	BY 1.00	EA	N	2.50	80209		K	.0
MTPCC	1	37730	A	00M05	SERVO 618418-1-166	311E	BY 1.00	EA	E	8.02	83057		H	.0
MTPCC	1	37730	G	00M05	QUAL ANAVL	007N	BY 1.00	EA	N	3 40	80209		K	.0
MTPCC	1	37731	A	00M05	MTR GEN 965-0080- 001	007N	BY 1.00	EA	N	4.35	80209		H	.0
MTPCC	1	38662	A	00M05	J-79 TORQUE MOTOR & RESISTOR		BY 1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38663	A	00M05	J-79 TORQUE MOTOR & RESISTOR		BY 1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38664	A	00M05	J-79 TORQUE MOTOR & RESISTOR		BY 1.00	EA	E	3.89	84124		K	.0
MTPCC	1	38665	A	00M05	J-79 TORQUE MOTOR & RESISTOR		BY 1.00	EA	E	3.52	84124		K	.0
MTPCC	1	38666	A	00M05	J-79 TOTQUE MOTOR & RESISTOR		BY 1.00	EA	E	3.52	84124		K	.0

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RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	38667	A	00M05	J-79 TORQUE MOTOR & RESISTOR	BY	1.00	EA	E	3.82	84147		K	.0
MTPCC	1	38668	A	00M05	J-79 GENERATOR 868C691P1	BY	1.00	EA	N	1.40	82016		K	.0
MTPCC	1	38697	A	00M05	J-79 SWITCH 874C621P1	DY	1.00	EA	E	2.21	83309		K	.0
MTPCC	1	38697	G	00M05	J-79 SWITCH 874C621P1	DY	1.00	EA	N	1.00	83187		K	.0
MTPCC	1	38698	A	00M05	J-79 SWITCH 874C224P2	DY	1.00	EA	E	2.16	87211		K	.0
MTPCC	1	38698	G	00M05	J-79 SWITCH 874C224P2	DY	1.00	EA	N	1.00	83099		K	.0
MTPCC	1	38699	A	00M05	J-79 SWITCH 311D894P02	DY	1.00	EA	N	2.50	81276		K	.0
MTPCC	1	38699	G	00M05	J-79 SWITCH 311D894P02	DY	1.00	EA	N	1.00	83062		K	.0
MTPCC	1	38700	A	00M05	J-79 SWITCH 576C360P3	DY	1.00	EA	E	2.25	83309		K	.0
MTPCC	1	38700	G	00M05	J-79 SWITCH 576C360P3	DY	1.00	EA	N	1.00	83099		K	.0
MTPCC	1	38701	A	00M05	J-79 SWITCH 517D870P03	DY	1.00	EA	N	2.75	83027		K	0
MTPCC	1	38701	G	00M05	J-79 SWITCH 517D870P03 EGT	DY	1.00	EA	N	1.00	82331		K	.0
MTPCC	1	39602	A	00M05	ACTUATOR 111N	BY	1.00	EA	N	8.48	81332		K	.0
MTPCC	1	39602	G	00M05	TDR ACT 544544-2-3	BY	1.00	EA	N	2.00	85010		A	.0
MTPCC	1	39614	A	00M05	ACT 601000-05 007N	BY	1.00	EA	N	2.81	80211		K	.0
MTPCC	1	39614	G	00M05	QUAL ANAL ACT 206N	DY	1.00	EA	N	1.50	82154		A	.0
MTPCC	1	39706	A	00M05	SERVO 1990743-2A 106N	BY	1.00	EA	N	18.38	81140		K	.0
MTPCC	1	39706	G	00M05	SERVO QUAL A 1990743-12A 007N	BY	1.00	EA	N	1.50	80211		K	.0
MTPCC	1	39878	A	00M05	ACTUATOR 113638 305N	AY	1.00	EA	N	3.23	80211		K	.0
MTPCC	1	42089	A	00M05	O/H FF TRANS 8TJ62GBA3 208N	CT	1.00	EA	E	8.11	82233		K	.0
MTPCC	3	42089	A	00M10	TST FF TRSM 8TJ62GBA3 208N	CT	1.00	EA	E	.99	82280		L	.0
MTPCC	1	42089	G	00M05	F/F TRANS 8TJ62GBA3 201N	CT	1.00	EA	N	1.25	82044		K	.0
MTPCC	1	42925	A	00M05	CONTROL P/N 1776286 406E	BY	1.00	EA	E	4.53	84161		K	.0
MTPCC	1	42925	G	00M05	CONTROL 1776286 202N	BY	1.00	EA	N	.78	82034		K	.0
MTPCC	1	44447	A	00M05	O/H FF TRNSM 9121-21A1	CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	44447	A	00M10	TST FF TRNSM 9121-21A1	CT	1.00	EA	N	1.03	85045		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	44447	G	00M05	F/F TRANS 9121-21A1	201N	CT 1.00	EA	N	.30	82044		K	.0
MTPCC	1	45348	A	00M05	O/H FF TRANS 9117-16A1	208N	CT 1.00	EA	E	9.12	82231		L	.0
MTPCC	3	45348	A	00M10	TST FF TRNSM 9117-16A1		CT 1.00	EA	N	.78	85045		K	.0
MTPCC	1	45348	G	00M05	F/F TRANS 9117-16A1	201N	CT 1.00	EA	N	1.79	82044		K	.0
MTPCC	1	45362	A	00M05	O/H FF TRANS STJ62GBK3	208N	CT 1.00	EA	E	7.48	82231		L	.0
MTPCC	3	45362	A	00M10	TST FF TRNSM STJ62GBK3		CT 1.00	EA	N	.97	85045		K	.0
MTPCC	1	45362	G	00M05	F/F TRANS STJ62GBK3	201N	CT 1.00	EA	N	.75	82044		K	.0
MTPCC	1	45387	A	00M05	O/H FF TRANS STJ50GAS5	208N	CT 1.00	EA	E	4.30	82231		L	.0
MTPCC	3	45387	A	00M10	TST FF TRNSM STJ50GAS5		CT 1.00	EA	N	.78	85045		K	.0
MTPCC	1	45387	G	00M05	F/F TRANS STJ50GAS5	201N	CT 1.00	EA	N	.85	82044		K	.0
MTPCC	1	45389	A	00M05	O/H FF TRNSM STJ50GA54		CT 1.00	EA	N	4.20	85045		K	.0
MTPCC	3	45389	A	00M10	TST FF TRNSM STJ50GA54		CT 1.00	EA	N	.78	85045		K	.0
MTPCC	1	45389	G	00M05	TRANSMITTER STJ50GA54	304H	CT 1.00	EA	N	.50	83099		K	.0
MTPCC	1	48371	A	00M05	O/H FF TRAN STJ62GBC3	208N	CT 1.00	EA	E	6.07	82219		L	.0
MTPCC	3	48371	A	00M10	TST FF TRNSM STJ62GBC3		CT 1.00	EA	N	.97	85045		K	.0
MTPCC	1	48371	G	00M05	F/F TRANS STJ62GBC3	201N	CT 1.00	EA	N	1.34	82044		K	.0
MTPCC	1	48451	A	00M05	O/H FF TRANS STJ50GBM5	208N	CT 1.00	EA	E	4.30	82231		L	.0
MTPCC	3	48451	A	00M10	TST FF TRAN STJ50GBM5	208N	CT 1.00	EA	E	.78	82231		L	.0
MTPCC	1	48451	G	00M05	F/F TRANS STJ50GBM5	201N	CT 1.00	EA	N	.85	82044		K	.0
MTPCC	1	48561	A	00M05	O/H FF TRANS 9115-16C4A	208N	CT 1.00	EA	E	6.07	82231		L	.0
MTPCC	3	48561	A	00M10	TST FF TRNSM 9115-16C4A		CT 1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48561	G	00M05	F/F TRANS 9115-16C4A	201N	CT 1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48562	A	00M05	O/H FF TRAN 9115-16D1	208N	CT 1.00	EA	E	7.08	82219		L	.0
MTPCC	3	48562	A	00M10	TST FF TRNSM 9115-16D1		CT 1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48562	G	00M05	F/F TRANS 9115-1601	201N	CT 1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48563	A	00M05	O/H FF TRAN 9115-16C1A	208N	CT 1.00	EA	E	6.07	82231		L	.0

7.04

5.08

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	3	48563	A	00M10	TST FF TRNSM 9115-16C1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48563	G	00M05	F/F TRANS 9115-16C1A	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48564	A	00M05	O/H FF TRAN 9115-16B1A	208N	CT	1.00	EA	E	6.07	82231		L	.0
MTPCC	3	48564	A	00M10	TST FF TRNSM 9115-16B1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48564	G	00M05	F/F TRANS 9115-16B1A	201N	CT	1.00	EA	N	1.20	82044		K	.0
MTPCC	1	48565	A	00M05	O/H FF TRNSM 9115-16A1A		CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	1	48565	A	00M10	TST FF TRNSM 9115-16A1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	48565	G	00M05	F/F TRANS 9115-16A1A	201N	CT	1.00	EA	N	1.06	82044		K	.0
MTPCC	1	49169	G	00M05	ACT QUAL ANAL 1009350	007N	CT	1.00	EA	N	2.00	80211		K	.0
MTPCC	1	49226	A	00M05	REP ACTUATOR	112N	AY	1.00	EA	N	4.08	81339		K	.0
MTPCC	1	49238	A	00M05	ACTUATOR P/N 541214-2	304N	AY	1.00	EA	N	4.22	83074		K	.0
MTPCC	1	49280	A	00M05	ACTUATOR P/N 540906-2-2	304N	AY	1.00	EA	N	4.22	83078		K	.0
MTPCC	1	49419	A	00M05	ACTUATOR P/N 499-00	208N	AY	1.00	EA	N	3.49	82240		A	.0
MTPCC	1	49419	G	00M05	ACTUATOR 499-00	309N	AY	1.00	EA	N	1.00	83263		A	.0
MTPCC	1	49420	A	00M05	O/H ACTUATOR 499-00-1	106N	AY	1.00	EA	N	2.89	81140		K	.0
MTPCC	1	49420	G	00M05	TDR ACT 499-00-1	106N	AY	1.00	EA	N	1.50	81140		K	.0
MTPCC	1	49425	A	00M05	ACTUATOR 38140+4	M046	AY	1.00	EA	N	4.34	80046		K	.0
MTPCC	1	49530	A	00M05	O/H FF TRNSM 9115-16C4A		CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49530	A	00M10	TST FF TRNSM 9115-16C4A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49531	A	00M05	O/H FF TRNSM 9115-16D1		CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49531	A	00M10	TST FF TRNSM 9115-16D1		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49532	A	00M05	O/H FF TRNSM 9115-16C1A		CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49532	A	00M10	TST FF TRNSM 9115-16C1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49533	A	00M05	O/H FF TRNSM 9115-16A1A		CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	49533	A	00M10	TST FF TRNSM 9115-16A1A		CT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49534	A	00M05	O/H FF TRNSM 9115-16B1A		CT	1.00	EA	N	5.92	85045		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	3	49534	A	00M10	TST FF TRNSM 9115-18B1A		QT	1.00	EA	N	1.03	85045		K	.0
MTPCC	1	49542	A	00M05	CABLE 749022	002N	DY	1.00	EA	N	8.00	80167		A	.0
MTPCC	1	49542	G	00M05	CABLE 749022 TF30		DY	1.00	EA	N	1.00	87042		K	.0
MTPCC	1	49550	A	00M05	ACTUATOR 541218-3-1	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	49555	A	00M05	ACTUATOR 544388-6-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	49574	A	00M05	ACT-GRP 8 541076+4+2	004N	DY	1.00	EA	N	4.97	80167		K	.0
MTPCC	1	49582	A	00M05	O/H FF [redacted]-005-003	208N	QT	1.00	EA	E	6.07	82219		L	.0
MTPCC	3	49582	A	00M10	TST FF TRNSM 150-005-003		QT	1.00	EA	N	.76	85045		K	.0
MTPCC	1	49582	G	00M05	TRANSMITTER 150-005-003	205N	QT	1.00	EA	N	2.00	82133		A	.0
MTPCC	1	49619	A	00M05	MOTOR DRIVE 658679-161	005N	BY	1.00	EA	N	5.98	80274		A	.0
MTPCC	1	49677	A	00M05	OVERHAUL ASSY679803-461	103N	BY	1.00	EA	N	5.98	81112		A	.0
MTPCC	1	49697	A	00M05	ACTUATOR 540908-4-2	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	49705	A	00M05	SENSOR 548542-2-1	112N	BY	1.00	EA	N	5.80	82030		A	.0
MTPCC	1	49717	A	00M05	ACTUATOR P/N540254-3	101N	BY	1.00	EA	N	6.37	81036		K	.0
MTPCC	1	49720	A	00M05	HARNESS CDS 697158	111N	DY	1.00	EA	N	.01	81327		K	.0
MTPCC	1	49816	A	00M05	ACTUATOR 499-00-3	110N	AY	1.00	EA	N	3.50	81278		A	.0
MTPCC	1	49816	G	00M05	ACTUATOR 499-00-3	212N	AY	1.00	EA	N	1.00	82362		A	.0
MTPCC	1	49831	A	00M05	ACTUATOR 720434-2 & 3	204N	AY	1.00	EA	N	3.50	82119		A	.0
MTPCC	1	49850	A	00M05	NAV LIGHT 40-0192-3	204N	BY	1.00	EA	N	8.00	82112		K	.0
MTPCC	1	49851	A	00M05	ACTUATOR 540906-3-1	111N	AY	1.00	EA	N	2.80	81311		A	.0
MTPCC	1	49862	A	00M05	ACTUATOR 32-0260-4	111N	AY	1.00	EA	N	3.50	81350		A	.0
MTPCC	1	49875	A	00M05	REPAIR HARNESS 714973C		DY	1.00	EA	N	.30	84231		A	.0
MTPCC	1	50061	A	00M05	TEMP SELECTOR 757040-1	307N	AY	1.00	EA	N	4.00	83209		K	.0
MTPCC	1	50119	A	00M05	O/H ACT 1433-623304		DY	1.00	EA	N	5.30	84364		A	.0
MTPCC	1	50123	A	00M05	REPLACE HARNESS SWITCH		DY	1.00	EA	N	3.00	84361		K	.0
MTPCC	1	50124	A	00M05	REPLACE HARNESS SWITCH		DY	1.00	EA	N	3.00	84361		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	50126	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50127	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50128	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50182	A	00M05	TF41 A2 HARNESS 6899451	DY	1.00	EA	N	8.33	87187		K	.0
MTPCC	1	50191	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		K	.0
MTPCC	1	50192	A	00M05	ACT TRIM MTR 184495	DY	1.00	EA	N	2.66	85290		K	.0
MTPCC	1	50192	A	00M10	HARNESS FUEL CTL 3 EA.	DY	1.00	EA	N	2.02	85296		A	.0
MTPCC	1	50197	A	00M05	REP HARNESS 714973C	DY	1.00	EA	N	.45	87133		K	.0
MTPCC	1	50202	A	00M05	CONNECTOR RESTRT SW. 520480	DY	1.00	EA	N	1.34	85352		A	.0
MTPCC	1	50247	A	00M05	O/H XC136E CSD HARNESS	DY	1.00	EA	N	2.00	86279		K	.0
MTPCC	1	50277	A	00M05	REPLACE HARNESS SWITCH	DY	1.00	EA	N	3.00	87023		K	.0
MTPCC	1	50324	A	00M05	REPAIR SOLENOID 2633047	DY	1.00	EA	N	1.00	87055		A	.0
MTPCC	1	50325	A	00M05	REPLACE HARNESS SWITCH	DY	1.00	EA	N	3.00	87224		A	.0
M PCC	1	50363	A	00M05	OH PLA HOUSING & SWITCH	DY	1.00	EA	N	2.00	87323		A	.0
MTPCC	1	50363	G	00M05	QDR PLA SW & HSG	DY	1.00	EA	N	.50	88231		A	.0
MTPCC	1	50364	A	00M05	OH PLA HOUSING & SWITCH	DY	1.00	EA	N	2.00	87323		A	.0
MTPCC	1	50367	A	CCM05	O/H IGNITION LEAD	DY	1.00	EA	N	1.75	87343		A	.0
MTPCC	1	50380	A	00M05	TF41 SOLENO P/N 184327	BY	1.00	EA	N	1.00	88064		A	.0
MTPCC	1	50381	A	00M05	TF41 SOLENO P/N 184327	BY	1.00	EA	N	1.00	88064		A	.0
MTPCC	1	50390	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		A	.0
MTPCC	1	50391	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		A	.0
MTPCC	1	50395	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		K	.0
MTPCC	1	50396	A	00M05	TF41 SOLENOID VL 184327	BY	1.00	EA	N	1.00	88112		K	.0
MTPCC	1	50398	A	00M05	LEAD P/N 10-380483-1	DY	1.00	EA	N	2.68	88202		A	.0
MTPCC	1	61105	A	00M05	O/H FF TRNSM 8TJ85GHM2	CT	1.00	EA	N	5.92	85045		K	.0
MTPCC	3	61105	A	00M10	TST FF TRNSM 8TJ85GHM2	CT	1.00	EA	N	76	85045		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS	
MTPCC	1	61108	G	00M05	F/F TRANS	BTJ85GHM2	201N	CT	1.00	EA	N	1.20	82044		K	.0	
MTPCC	1	61111	A	00M05	OH TF41 P M GENER	6866889		BY	1.00	EA	N	6.00	83027		K	.0	
MTPCC	1	61112	A	00M05	OH TF41 P M GENER	6889443		BY	1.00	EA	N	6.00	80211		K	.0	
MTPCC	1	61112	G	00M05	GENERTOR		103N	BY	1.00	EA	N	2.11	81093		A	.0	
MTPCC	1	61132	A	00M05	ACTUATOR	540806-2-2	304N	AY	1.00	EA	N	4.22	83074		K	.0	
MTPCC	1	61132	G	00M05	ACTUATOR	540906-2-2	309N	AY	1.00	EA	N	1.50	83277		A	.0	
MTPCC	1	61159	A	00M05	O/H SENSOR	548702-2-1	110N	BY	1.00	EA	N	4.78	82044		K	.0	
MTPCC	1	61179	A	00M05	ACTUATOR	P/N 307200	304N	AY	1.00	EA	N	4.84	83078		K	.0	
MTPCC	1	61202	A	00M05	MOTOR	P/N 658680-161	111N	BY	1.00	EA	N	5.98	81332		K	.0	
MTPCC	1	61203	A	00M05	ACT	16782-1C	007N	BY	1.00	EA	N	8.92	80211		K	.0	
MTPCC	1	61204	A	00M05	TF41 SOLEN VALVE	P/N 184327		BY	1.00	EA	N	1.00	83022		K	.0	
MTPCC	1	61205	A	00M05	TF41 SOLEN VALVE	P/N 184327		BY	1.00	EA	N	1.00	83022		K	.0	
MTPCC	1	61207	A	00M05	O/H FF TRAN	BTJ82GBZ3	208N	CT	1.00	EA	E	6.07	82219		L	.0	7.04
MTPCC	3	61207	A	00M10	TST FF TRNSM	BTJ82GBZ3		CT	1.00	EA	N	.97	85045		K	.0	
MTPCC	1	61207	G	00M05	F/F TRANS	BTJ2GBZ3	201N	CT	1.00	EA	N	1.25	82044		K	.0	
MTPCC	1	61215	A	00M05	OH TF41 P M GENER	6866889		BY	1.00	EA	N	6.00	83027		K	.0	
MTPCC	1	61240	A	00K05	REP ACTUATOR		111N	BY	1.00	EA	N	8.46	81332		K	.0	
MTPCC	1	61264	A	00M05	O/H FF TRNSM	BTJ82GCA3		CT	1.00	EA	N	5.92	85045		K	.0	6.68
MTPCC	3	61264	A	00M10	TST FF TRNSM	BTJ82GCA3		CT	1.00	EA	N	.78	85045		K	.0	
MTPCC	1	61264	G	00M05	FLOW TRANSMT	BTJ82GCA3	304N	CT	1.00	EA	N	1.50	83118		A	.0	
MTPCC	1	61288	A	00M05	TACH-GENERATOR	6862450	301N	BY	1.00	EA	N	1.44	83022		A	.0	
MTPCC	1	81035	A	CCM05	O/H IGNITION LEAD			DV	1.00	EA	N	1.75	87322		A	.0	
MTPCC	1	93216	G	00M05	QUAL ANLYS	35940-3	009N	AY	1.00	EA	N	1.50	80281		A	.0	
MTPCC	1	94041	A	00M05	ACT GRP 2	152772-1	005N	AY	1.00	EA	N	2.79	80167		K	.0	
MTPCC	1	94043	A	00M05	ACTUATOR	152621	305N	AY	1.00	EA	N	3.23	80167		K	.0	
MTPCC	1	94201	A	00M05	ACT GRP 1	1433-663089		AY	1.00	EA	N	5.71	84138		K	0	

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION		SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	94202	A	00M05	ACT GRP 1	1433-663089	AY	1.00	EA	N	5.71	84138		K	.0
MTPCC	1	94226	A	00M05	ACT GRP 1	1433-663089 006N	AY	1.00	EA	N	5.71	80209		K	.0
MTPCC	1	94227	A	00M05	ACTUATOR	1433-613187	AY	1.00	EA	N	5.71	84124		K	.0
MTPCC	1	95001	A	00M05	ACT	31970-8 007N	AY	1.00	EA	N	2.99	80211		K	.0
MTPCC	1	95011	A	00M05	ACT	657213 007N	AY	1.00	EA	N	5.09	82133		K	.0
MTPCC	1	95015	A	00M05	ACT	30678-17 007N	AY	1.00	EA	N	3.45	80211		K	.0
MTPCC	1	95026	A	00M05	ACTUATOR	P/N 6719 304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95036	A	00M05	ACT	35-277A 008N	AY	1.00	EA	N	3.58	80219		K	.0
MTPCC	1	95036	G	00M05	TDR-QCI ANALYSIS		AY	1.00	EA	N	3.58	80208		J	.0
MTPCC	1	95038	A	00M05	ACTUATOR	GYLC 9103 304N	AY	1.00	EA	N	4.03	83069		K	.0
MTPCC	1	95042	A	00M05	ACT	152510 008N	AY	1.00	EA	N	4.00	80219		K	.0
MTPCC	1	95044	A	00M05	ACT	381585-5 008N	AY	1.00	EA	N	4.34	80219		K	.0
MTPCC	1	95052	A	00M05	ELECTRO MECH ACTUATOR	303N	AY	1.00	EA	N	2.79	83078		K	.0
MTPCC	1	95055	A	00M05	ACTUATOR	4369-1 304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95056	A	00M05	ACTUATOR	541218-3-1 304N	AY	1.00	EA	N	5.18	83069		K	.0
MTPCC	1	95058	G	00M05	QCI-TDR ACT	541218-3-1 111N	AY	1.00	EA	N	2.23	81332		K	.0
MTPCC	1	95058	A	00M05	ACT GRP 1	1433-623304 005N	AY	1.00	EA	N	5.30	80167		K	.0
MTPCC	1	95062	A	00M05	ACTUATOR	544388-5-1 301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95068	A	00M05	ACT GRP 2	540158-4-2 006N	AY	1.00	EA	N	2.79	80175		K	.0
MTPCC	1	95068	G	00M05	ACTUATOR PN	540158-4-2 204N	AY	1.00	EA	N	1.85	82105		K	.0
MTPCC	1	95075	A	00M05	ACT	54106-4-2 008N	AY	1.00	EA	N	4.11	80219		K	.0
MTPCC	1	95075	G	00M05	VALVE P/N	321558-4-1 110N	AY	1.00	EA	N	1.50	81290		K	.0
MTPCC	1	95086	A	00M05	ACT	544060-2-1 008N	AY	1.00	EA	N	4.00	80219		K	.0
MTPCC	1	95086	G	00M05	ACTUATOR	544060-2-1 402N	AY	1.00	EA	N	1.50	84049		A	.0
MTPCC	1	95087	A	00M05	ACTUATOR	544020-12-1 301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95088	A	00M05	ACTUATOR	544288-4-1 301N	AY	1.00	EA	N	9.02	83034		K	.0

RCC	FAC	CTL NO	J D	OPER NO	OPERATION DESCRIPTION	SKILL CODE	OCCUR FACTOR	UNIT COUNT	TYPE STD	STD HOURS	LAST REVIEW	OPER IND	A/R CD	FLOW HRS
MTPCC	1	95090	A	00M05	ACTUATOR 544020-15-1	301N	AY	1.00	EA	N	9.02	83034		K	.0
MTPCC	1	95093	A	00M05	ACT 34988-24	008N	AY	1.00	EA	N	3.88	80219		K	.0
MTPCC	1	95097	A	00M05	ACTUATOR 541078-3-1	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	95101	A	00M05	ACTUATOR 544014-9-2	301N	AY	1.00	EA	N	9.31	83027		K	.0
MTPCC	1	95103	A	00M05	ACT 2295A0	008N	AY	1.00	EA	N	4.67	80219		K	0
MTPCC	1	95104	A	00M05	ACTUATOR P/N C10040		AY	1.00	EA	E	5.23	84119		K	.0
MTPCC	1	95108	A	00M05	ACT 541216-1-1	008N	AY	1.00	EA	N	4.48	80219		K	.0
MTPCC	1	95108	G	00M05	ACTUATOR 541216-1-1	308N	AY	1.00	EA	N	1.50	83244		A	.0
MTPCC	1	95109	A	00M05	ACT 541076-4-2	008N	AY	1.00	EA	N	6.78	80219		K	.0
MTPCC	1	95109	G	00M05	ACTUATOR 541076-4-2	403N	AY	1.00	EA	N	1.50	84080		A	.0
MTPCC	1	95110	A	00M05	ACTUATOR 540906-2-2	302N	AY	1.00	EA	N	4.22	83050		K	.0
MTPCC	1	95111	A	00M05	ACTUATOR 544014-8-1	301N	AY	1.00	EA	N	9.31	83034		K	.0
MTPCC	1	95131	A	00M05	ACTUATOR 541214-1-2	304N	AY	1.00	EA	N	4.22	83069		K	.0
MTPCC	1	95131	G	00M05	QCI-TDR ACT 541214+1+2	004N	AY	1.00	EA	N	2.00	80167		A	.0
MTPCC	1	95133	A	00M05	ACTUATOR 544014-9-1	301N	AY	1.00	EA	N	9.31	83034		K	.0
MTPCC	1	95144	A	00M05	ACTUATOR GYLC 9102	304N	AY	1.00	EA	N	4.03	83069		K	.0
MTPCC	1	95148	A	00M05	ACTUATOR P/N 2295AD	804N	AY	1.00	EA	N	4.70	80219		K	.0
MTPCC	1	95150	A	00M05	ACTUATOR P/N 4369-1	302N	AY	1.00	EA	N	3.77	83057		K	.0
MTPCC	1	95151	A	00M05	ACTUATOR P/N 4396-1	304N	AY	1.00	EA	N	3.77	83069		K	.0
MTPCC	1	95180	A	00M05	ACT 31974-4	008N	AY	1.00	EA	N	6.40	80219		K	.0
MTPCC	1	95188	A	00M05	ACTUATOR 09C00	304N	AY	1.00	EA	N	4.84	83078		K	.0
MTPCC	1	95201	A	00M05	ACTUATOR 701300	304N	AY	1.00	EA	N	4.84	83078		K	.0
MTPCC	1	95234	A	00M05	ACT 31970-6	008N	AY	1.00	EA	N	2.99	80219		K	.0
MTPCC	1	95234	G	00M05	QUAL AL ACTUATOR	111N	AY	1.00	EA	N	2.00	81332		K	.0
MTPCC	1	95263	A	00M05	ACT 541368-1	008N	AY	1.00	EA	N	4.15	80219		K	.0
MTPCC	1	95263	G	00M05	QUAL ANAL 541368-1-1	011N	AY	1.00	EA	N	2.00	80339		A	0

APPENDIX B

EARNED HOURS REPORT,
PROJECTED, 1988

79,991

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE AS OF 10/17/88 — PAGE NR 0001 A-E046B-M20-LS-1

RCC	C/NR	J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
[redacted]	34544	A	00M05	E	5.86	565	3,310.90	4124
	42089	A	00M05	E	8.11	341	2,765.51	2233
MTPCC	34519	A	00M05	N	19.59	130	2,546.70	0208
MTPCC	39706	A	00M05	N	18.38	121	2,223.98	1140
MTPCC	45362	A	00M05	E	7.48	287	2,146.76	2231
MTPCC	35096	A	00M05	E	9.35	219	2,047.65	3062
MTPCC	61207	A	00M05	E	6.08	327	1,988.16	2219
MTPCC	37730	A	00M05	E	8.02	234	1,876.68	3057
MTPCC	37649	A	00M05	E	4.35	428	1,868.08	4147
MTPCC	34512	A	00M05	N	5.13	333	1,708.29	8210
MTPCC	95104	A	00M05	E	5.24	312	1,634.88	4119
MTPCC	49582	A	00M05	E	6.08	246	1,495.68	2219
MTPCC	95052	A	00M05	N	2.80	531	1,486.80	3078
MTPCC	45387	A	00M05	E	4.31	344	1,482.64	2231
MTPCC	48451	A	00M05	E	4.31	301	1,297.31	2231
MTPCC	94227	A	00M05	N	5.71	216	1,233.36	4124
MTPCC	34257	A	00M05	N	5.71	206	1,176.26	8183
MTPCC	95131	A	00M05	N	4.23	250	1,057.50	3069
MTPCC	94201	A	00M05	N	5.71	184	1,050.64	4138
MTPCC	61264	A	00M05	N	5.92	170	1,006.40	5045
MTPCC	95015	A	00M05	N	3.45	272	938.40	0211
MTPCC	24101	A	00M70	N	8.33	105	874.65	6223
MTPCC	96524	A	00M05	N	3.24	259	839.16	2044
MTPCC	25743	A	00M51	N	5.50	150	825.00	8187
MTPCC	95088	A	00M05	N	5.30	155	821.50	0167
MTPCC	39602	A	00M05	N	8.46	96	812.16	1332
MTPCC	35097	A	00M05	N	8.92	89	793.88	1140
MTPCC	48563	A	00M05	E	6.08	120	729.60	2231
MTPCC	34549	A	00M05	N	5.00	141	705.00	2044
MTPCC	48371	A	00M05	E	6.08	114	693.12	2219
MTPCC	48561	A	00M05	E	6.08	107	650.56	2231
MTPCC	38666	A	00M05	E	3.53	183	645.99	4124
MTPCC	34055	A	00M05	N	11.96	54	645.84	5197
MTPCC	34103	A	00M05	N	6.00	105	630.00	0208
MTPCC	95108	A	00M05	N	4.46	136	606.56	0219
MTPCC	38664	A	00M05	E	3.90	154	600.60	4124
MTPCC	61111	A	00M05	N	6.00	90	540.00	3027
MTPCC	95333	A	00M05	N	2.80	186	520.80	0208
MTPCC	34181	A	00M05	N	8.82	57	502.74	2184
MTPCC	34324	A	00M05	N	3.45	145	500.25	2184
MTPCC	34333	A	00M05	N	3.45	144	496.80	0167
MTPCC	95188	A	00M05	N	4.84	100	484.00	3078
MTPCC	34327	A	00M05	N	5.71	84	479.64	0209
MTPCC	30011	A	00M05	N	2.30	208	478.40	0209
MTPCC	35022	A	00M05	N	4.50	105	472.50	8183
MTPCC	95086	A	00M05	N	4.00	115	460.00	0219
MTPCC	95038	A	00M05	N	4.03	114	459.42	3069
MTPCC	95133	A	00M05	N	9.31	48	446.88	3034
MTPCC	38700	A	00M05	E	2.26	195	438.75	3309
MTPCC	95111	A	00M05	N	9.31	44	409.84	3034
MTPCC	50124	A	00M05	N	3.00	134	402.00	4361
MTPCC	61132	A	00M05	N	4.23	95	401.85	3074

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE — OF 10/17/88 — PAGE NR 0002 — A-E046B-M20-LS-

RCC	C/NR	J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	94226	A	00M05	N	5.71	67	382.57	0209
MTPCC	38697	A	00M05	E	2.22	171	379.62	3309
MTPCC	34187	A	00M05	N	4.70	80	376.00	1327
MTPCC	95075	A	00M05	N	4.11	91	374.01	0219
MTPCC	50277	A	00M05	N	3.00	121	363.00	7023
MTPCC	95011	A	00M05	N	5.09	69	351.21	2133
MTPCC	42CC9	A	00M10	E	1.00	341	341.00	2280
MTPCC	95332	A	00M05	N	2.80	120	336.00	0175
MTPCC	34149	A	00M05	N	3.45	95	327.75	1327
MTPCC	61207	A	00M10	N	.97	327	317.19	5045
MTPCC	34164	A	00M05	N	3.45	90	310.50	1327
MTPCC	38698	A	00M05	E	2.17	142	308.14	7211
MTPCC	34186	A	00M05	N	3.71	83	307.93	1327
MTPCC	34522	A	00M05	N	5.42	55	298.10	0167
MTPCC	95101	A	00M05	N	9.31	32	297.92	3027
MTPCC	23307	A	00M51	N	4.30	67	288.10	1015
MTPCC	95036	A	00M05	N	3.58	80	286.40	0219
MTPCC	95110	A	00M05	N	4.23	67	283.41	3050
MTPCC	23111	A	00M55	N	5.36	52	278.72	5319
MTPCC	45362	A	00M10	N	.97	287	278.39	5045
MTPCC	31798	A	00M05	N	3.24	84	272.16	0167
MTPCC	95304	A	00M05	N	4.23	64	270.72	3069
MTPCC	27914	A	00M70	N	2.76	98	270.48	8182
MTPCC	23307	A	00M50	N	4.02	67	269.34	1137
MTPCC	95180	A	00M05	N	6.40	42	268.80	0219
MTPCC	95331	A	00M05	N	2.80	96	268.80	0175
MTPCC	30046	A	00M05	N	.99	266	263.34	0209
MTPCC	94043	A	00M05	N	3.24	81	262.44	0167
MTPCC	45387	A	00M10	N	.76	344	261.44	5045
MTPCC	95148	A	00M05	N	4.70	55	258.50	0219
MTPCC	38668	A	00M05	N	1.40	173	242.20	2016
MTPCC	49530	A	00M05	N	5.92	40	236.80	5045
MTPCC	49532	A	00M05	N	5.92	40	236.80	5045
MTPCC	48451	A	00M10	E	.78	301	234.78	2231
MTPCC	23111	B	00M69	N	2.50	92	230.00	5297
MTPCC	25743	A	00M56	N	1.48	150	222.00	1022
MTPCC	25743	A	00M57	N	1.48	150	222.00	1022
MTPCC	34107	A	00M05	N	1.65	134	221.10	0198
MTPCC	49238	A	00M05	N	4.23	52	219.96	3074
MTPCC	95109	A	00M05	N	6.78	32	216.96	0219
MTPCC	38701	A	00M05	N	2.75	74	203.50	3027
MTPCC	30033	A	00M10	N	.70	288	201.60	2247
MTPCC	23111	A	00M52	N	3.87	52	201.24	5319
MTPCC	23111	A	00M53	N	3.87	52	201.24	5319
MTPCC	23313	A	00M15	N	1.86	105	195.30	6256
MTPCC	23313	A	00M50	N	1.86	105	195.30	6256
MTPCC	23109	B	00M69	N	2.50	75	187.50	5297
MTPCC	49582	A	00M10	N	.76	246	186.96	5045
MTPCC	95056	A	00M05	N	5.19	36	186.84	3069
MTPCC	50192	A	00M05	N	2.66	70	186.20	5290
MTPCC	31281	A	00M05	N	7.24	24	173.76	3015
MTPCC	95150	A	00M05	N	3.78	45	170.10	3057

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE AS OF 10/17/88 — PAGE NR 0003 A-E046B-M20-LS-

RCC	C/NR	J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	38663	A	00M05	E	3.53	48	169.44	4124
MTPCC	94202	A	00M05	N	5.71	28	159.88	4138
MTPCC	95346	A	00M05	N	4.38	36	157.68	0219
MTPCC	61112	A	00M05	N	6.00	26	156.00	0211
MTPCC	95062	A	00M05	N	9.02	17	153.34	3034
MTPCC	50123	A	00M05	N	3.00	51	153.00	4361
MTPCC	23103	B	00M69	N	2.50	59	147.50	5297
MTPCC	23107	A	00M54	N	5.10	28	142.80	4361
MTPCC	50192	A	00M10	N	2.03	70	142.10	5296
MTPCC	23107	A	00M56	N	5.00	28	140.00	6303
MTPCC	25743	A	00M54	N	.93	150	139.50	2191
MTPCC	25743	A	00M55	N	.93	150	139.50	1022
MTPCC	34108	A	00M05	N	1.44	96	138.24	2009
MTPCC	50126	A	00M05	N	1.00	137	137.00	7055
MTPCC	96835	A	00M05	N	1.34	98	131.32	6150
MTPCC	61264	A	00M10	N	.76	170	129.20	5045
MTPCC	49717	A	00M05	N	6.37	20	127.40	1036
MTPCC	61105	A	00M05	N	5.92	21	124.32	5045
MTPCC	48563	A	00M10	N	1.03	120	123.60	5045
MTPCC	92044	A	00M05	N	4.34	28	121.52	0219
MTPOC	95026	A	00M05	N	3.78	32	120.96	3069
MTPCC	23107	A	00M58	N	4.30	28	120.40	4361
MTPCC	44447	A	00M05	N	5.92	20	118.40	5045
MTPCC	23107	A	00M57	N	4.20	28	117.60	4361
MTPCC	95151	A	00M05	N	3.78	31	117.18	3069
MTPCC	50247	A	00M05	N	2.00	57	114.00	6279
MTPCC	95103	A	00M05	N	4.67	24	112.08	0219
MTPCC	49851	A	00M05	N	2.80	40	112.00	1311
MTPCC	48371	A	00M10	N	.97	114	110.58	5045
MTPCC	48561	A	00M10	N	1.03	107	110.21	5045
MTPCC	30033	A	00M05	N	.38	288	109.44	1022
MTPCC	34642	A	00M05	N	4.36	24	104.64	0209
MTPCC	37731	A	00M05	N	4.36	24	104.64	0209
MTPCC	24101	A	00M74	N	.98	105	102.90	6139
MTPCC	25743	A	00M50	N	.68	150	102.00	1022
MTPCC	25743	A	00M52	N	.68	150	102.00	1022
MTPCC	25743	A	00M53	N	.68	150	102.00	1022
MTPCC	35503	A	00M10	N	1.52	67	101.84	7076
MTPCC	49550	A	00M05	N	4.23	24	101.52	3069
MTPCC	38699	A	00M05	N	2.50	40	100.00	1276
MTPCC	23305	A	00M93	N	11.10	9	99.90	2044
MTPCC	50325	A	00M05	N	3.00	33	99.00	7224
MTPCC	23103	A	00M54	N	5.10	19	96.90	4361
MTPCC	23103	A	00M55	N	5.00	19	95.00	6303
MTPCC	24101	A	00M68	N	.90	105	94.50	8212
MTPCC	24101	A	00M78	N	.90	105	94.50	6192
MTPCC	23309	A	00M50	N	4.66	20	93.20	1017
MTPCC	23309	A	00M51	N	4.66	20	93.20	1017
MTPCC	23109	A	00M54	N	5.10	18	91.80	4361
MTPCC	23109	A	00M55	N	5.00	18	90.00	6303
MTPCC	23313	A	00M53	N	.85	105	89.25	8259
MTPCC	23313	A	00M54	N	.85	105	89.25	6256

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE AS OF 10/17/88 — PAGE NR 0004 — A-E046B-M20-LS-V

RCC	C/NR J/O	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	95088 A	00M05	N	2.80	31	86.80	0175
MTPCC	23103 A	00M56	N	4.30	19	81.70	4361
MTPCC	49855 A	00M05	N	9.02	9	81.18	3034
MTPCC	95087 A	00M05	N	9.02	9	81.18	3034
MTPCC	23313 A	00M55	N	.77	105	80.85	6256
MTPCC	24101 A	00M76	N	.77	105	80.85	6190
MTPCC	24101 A	00M77	N	.77	105	80.85	6191
MTPCC	95144 A	00M05	N	4.03	20	80.60	3069
MTPCC	50202 A	00M05	N	1.34	60	80.40	5352
MTPCC	35019 A	00M05	E	8.02	10	80.20	3078
MTPCC	27918 A	00M70	N	2.76	29	80.04	8182
MTPCC	23103 A	00M57	N	4.20	19	79.80	4361
MTPCC	23109 A	00M58	N	4.30	18	77.40	4361
MTPCC	24101 A	00M67	N	.73	105	76.65	6209
MTPCC	23109 A	00M57	N	4.20	18	75.60	4361
MTPCC	95055 A	00M05	N	3.78	20	75.60	3069
MTPCC	24101 A	00M66	N	.71	105	74.55	6220
MTPCC	34148 A	00M05	N	.96	76	72.96	0198
MTPCC	95088 A	00M05	N	9.02	8	72.16	3034
MTPCC	24101 A	00M75	N	.68	105	71.40	6190
MTPCC	28024 A	00M05	N	1.00	70	70.00	1259
MTPCC	49705 A	00M05	N	5.80	12	69.60	2030
MTPCC	35508 A	00M05	N	3.47	20	69.40	0209
MTPCC	24101 B	00M70	N	6.25	11	68.75	6223
MTPCC	23307 A	00M52	N	1.01	67	67.67	2044
MTPCC	23307 A	00M53	N	1.01	67	67.67	2044
MTPCC	45389 A	00M05	N	4.20	16	67.20	5045
MTPCC	98217 A	00M05	N	1.00	67	67.00	0219
MTPCC	37713 A	00M05	N	4.12	16	65.92	0209
MTPCC	50127 A	00M05	N	1.00	65	65.00	7055
MTPCC	39878 A	00M05	N	3.24	20	64.80	0211
MTPCC	34179 A	00M05	N	1.52	41	62.32	1292
MTPCC	95234 A	00M05	N	2.99	20	59.80	0219
MTPCC	50197 A	00M05	N	.45	126	56.70	7133
MTPCC	29412 A	00M05	N	1.00	56	56.00	1259
MTPCC	27914 A	00M60	N	.57	98	55.86	3176
MTPCC	61215 A	00M05	N	6.00	9	54.00	3027
MTPCC	27914 A	00M25	N	.55	98	53.90	3176
MTPCC	27914 A	00M50	N	.55	98	53.90	3176
MTPCC	27914 A	00M35	N	.54	98	52.92	3176
MTPCC	23107 B	00M69	N	2.50	21	52.50	5297
MTPCC	24101 A	00M73	N	.50	105	52.50	6139
MTPCC	23111 A	00M60	N	1.00	52	52.00	5337
MTPCC	50191 A	00M05	N	1.00	52	52.00	7055
MTPCC	27914 A	00M40	N	.53	98	51.94	3176
MTPCC	95097 A	00M05	N	4.23	12	50.76	3069
MTPCC	27914 A	00M65	N	.50	98	49.00	3176
MTPCC	27914 A	00M75	N	.50	98	49.00	3176
MTPCC	49531 A	00M05	N	5.92	8	47.36	5045
MTPCC	27914 A	00M45	N	.48	98	47.04	3176
MTPCC	27914 A	00M30	N	.47	98	46.06	3176
MTPCC	23111 B	00M60	N	.50	92	46.00	4105

RCC	PROJECTED ANNUAL EARNED HOURS C/NR J/D	OPER NR	RCC SEQUENCE AS OF 10/17/88 TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	98223 A	00M05	N	1 00	46	46.00	0219
MTPCC	97259 A	00M05	N	9 01	5	45.05	3034
MTPCC	94041 A	00M05	N	2 80	16	44.80	0167
MTPCC	27917 A	00M70	N	2 76	16	44.16	8182
MTPCC	27914 A	00M55	N	45	98	44.10	3176
MTPCC	24402 A	00M70	N	8 33	5	41 65	7266
MTPCC	95263 A	00M05	N	4 15	10	41.50	0219
MTPCC	49530 A	00M10	N	1.03	40	41 20	5045
MTPCC	49532 A	00M10	N	1 03	40	41.20	5045
MTPCC	23111 A	00M70	N	.74	52	38.48	5337
MTPCC	29412 A	00M50	N	68	56	38 08	6177
MTPCC	23305 A	00M53	N	4 21	9	37 89	1015
MTPCC	23305 A	00M54	N	4 21	9	37.89	1015
MTPCC	25743 A	00M69	N	.25	150	37 50	1022
MTPCC	50324 A	00M05	N	1 00	37	37.00	7055
MTPCC	50380 A	00M05	N	1 00	37	37 00	8064
MTPCC	38667 A	00M05	E	3 53	10	35.30	4147
MTPCC	50128 A	00M05	N	1 00	35	35.00	7055
MTPCC	50182 A	00M05	N	8 33	4	33.32	7187
MTPCC	49542 A	00M05	N	8.00	4	32 00	0167
MTPCC	38662 A	00M05	E	3 53	9	31.77	4124
MTPCC	31288 A	00M05	N	3.78	8	30.24	3078
MTPCC	49280 A	00M05	N	4 23	7	29.61	3078
MTPCC	29043 A	00M05	N	1 00	28	28.00	1259
MTPCC	49816 A	00M05	N	3 50	8	28.00	1276
MTPCC	50398 A	00M05	N	2.68	10	26 80	8202
MTPCC	24101 A	00M69	N	25	105	26.25	1017
MTPCC	23307 A	00M69	N	34	67	22.78	1137
MTPCC	27919 A	00M70	N	2.75	8	22 00	8182
MTPCC	49420 A	00M05	N	2 59	8	20.72	1140
MTPCC	44447 A	00M10	N	1 03	20	20.60	5045
MTPCC	61159 A	00M05	N	4.76	4	19 04	2044
MTPCC	24402 B	00M70	N	2 10	9	18.90	7272
MTPCC	23309 A	00M52	N	93	20	18 60	1017
MTPCC	23305 A	00M51	N	2 06	9	18.54	7113
MTPCC	98422 A	00M05	N	1 00	18	18 00	3013
MTPCC	98423 A	00M05	N	1 00	17	17.00	3013
MTPCC	27918 A	00M60	N	.57	29	16 53	3187
MTPCC	61105 A	00M10	N	76	21	15.96	5045
MTPCC	27918 A	00M25	N	55	29	15.95	3187
MTPCC	27918 A	00M50	N	.55	29	15.95	3187
MTPCC	35356 A	00M05	N	3.92	4	15.68	0209
MTPCC	27918 A	00M35	N	54	29	15.66	3187
MTPCC	95093 A	00M05	N	3.88	4	15 52	0219
MTPCC	27918 A	00M40	N	53	29	15.37	3187
MTPCC	27918 A	00M22	N	.50	29	14.50	3239
MTPCC	27918 A	00M65	N	50	29	14 50	3187
MTPCC	27918 A	00M75	N	.50	29	14 50	3187
MTPCC	34146 A	00M05	N	7 20	2	14.40	2044
MTPCC	39614 A	00M05	N	2 81	5	14.05	0211
MTPCC	27916 A	00M45	N	48	29	13.92	3187
MTPCC	27915 A	00M70	N	2 76	5	13.80	8182

PROJECTED ANNUAL EARNED HOURS — R C C S E Q U E N C E A- OF 10/17/88 — PAGE NR 0006 A-E0468-M20-LS-

RCC	C/NR J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	27918 A	00M30	N	47	29	13.63	3187
MTPCC	27918 A	00M55	N	.45	29	13.05	3187
MTPCC	27918 A	00M80	N	45	29	13.05	3187
MTPCC	49720 A	00M05	N	02	632	12 64	1327
MTPCC	23302 A	00M53	N	4 21	3	12 63	6336
MTPCC	23302 A	00M54	N	4 21	3	12 63	6336
MTPCC	23305 A	00M50	N	1 36	9	12.24	1015
MTPCC	49228 A	00M05	N	4 08	3	12.24	1339
MTPCC	45389 A	00M10	N	76	16	12.16	5045
MTPCC	31289 A	00M05	N	3 92	3	11 76	0208
MTPCC	23107 A	00M53	N	40	28	11 20	4361
MTPCC	61204 A	00M05	N	1 00	11	11 00	3022
MTPCC	61205 A	00M05	N	1 00	11	11.00	3022
MTPCC	27917 A	00M60	N	57	16	9 12	1301
MTPCC	27917 A	00M25	N	55	16	8.80	1290
MTPCC	27917 A	00M50	N	55	16	8 80	1290
MTPCC	27917 A	00M35	N	54	16	8 64	1290
MTPCC	61268 A	00M05	N	1 44	6	8.64	3022
MTPCC	27917 A	00M40	N	53	16	8.48	1290
MTPCC	23305 A	00M52	N	.93	9	8 37	1015
MTPCC	49531 A	00M10	N	1 03	8	8.24	5045
MTPCC	24101 B	00M74	N	73	11	8.03	6139
MTPCC	27917 A	00M22	N	50	16	8 00	3104
MTPCC	27917 A	00M65	N	.50	16	8.00	1315
MTPCC	27917 A	00M75	N	50	16	8.00	1315
MTPCC	95042 A	00M05	N	4.00	2	8 00	0219
MTPCC	27917 A	00M45	N	48	16	7.68	1290
MTPCC	23103 A	00M53	N	40	19	7 60	4361
MTPCC	27917 A	00M30	N	47	16	7 52	1290
MTPCC	24101 B	00M68	N	68	11	7.48	6212
MTPCC	24101 B	00M78	N	68	11	7.48	6192
MTPCC	23109 A	00M53	N	.40	18	7 20	4381
MTPCC	27917 A	00M55	N	45	16	7.20	1290
MTPCC	27917 A	00M80	N	45	16	7 20	2219
MTPCC	50396 A	00M05	N	1 00	7	7.00	8112
MTPCC	24402 B	00M10	N	75	9	6.75	7273
MTPCC	24101 B	00M76	N	58	11	6.38	6190
MTPCC	24101 B	00M77	N	.58	11	6 38	6191
MTPCC	23305 A	C8M51	N	68	9	6.12	1015
MTPCC	24402 B	00M68	N	68	9	6.12	7273
MTPCC	24402 B	00M78	N	68	9	6 12	7278
MTPCC	24101 B	00M67	N	55	11	6.05	6209
MTPCC	24101 B	00M66	N	53	11	5.83	6220
MTPCC	24101 B	00M75	N	.51	11	5 61	6190
MTPCC	24402 B	00M76	N	58	9	5.22	7273
MTPCC	24402 B	00M77	N	58	9	5.22	7278
MTPCC	23309 A	00M69	N	25	20	5.00	1017
MTPCC	24402 A	00M10	N	1 00	5	5 00	7266
MTPCC	24402 B	00M87	N	55	9	4.95	7273
MTPCC	24402 A	00M74	N	.98	6	4 90	7267
MTPCC	95201 A	00M05	N	4 84	1	4.84	3078
MTPCC	24402 B	00M66	N	53	9	4.77	7273

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE — OF 10/17/88 — PAGE NR 0007 — A-E046B-M20-LS

RCC	C/NR J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	24402 B	00M51	N	.51	9	4.59	7278
MTPCC	27919 A	00M60	N	.57	8	4.56	3187
MTPCC	24402 A	00M68	N	.90	5	4.50	7266
MTPCC	24402 A	00M78	N	.90	5	4.50	7267
MTPCC	27919 A	00M25	N	.55	8	4.40	3187
MTPCC	27919 A	00M50	N	.55	8	4.40	3187
MTPCC	27919 A	00M35	N	.54	8	4.32	3187
MTPCC	30057 A	00M05	N	.06	72	4.32	1140
MTPCC	27919 A	00M40	N	.53	8	4.24	3187
MTPCC	24101 B	00M73	N	.38	11	4.18	6139
MTPCC	24101 B	00M79	N	.38	11	4.18	8012
MTPCC	23302 A	00M50	N	1.36	3	4.08	6336
MTPCC	27919 A	00M21	N	.50	8	4.00	3239
MTPCC	27918 A	00M65	N	.50	8	4.00	3187
MTPCC	27919 A	00M75	N	.50	8	4.00	3187
MTPCC	24402 A	00M76	N	.77	5	3.85	7267
MTPCC	24402 A	00M77	N	.77	5	3.85	7267
MTPCC	27919 A	00M45	N	.48	8	3.84	3187
MTPCC	27919 A	00M30	N	.47	8	3.76	3187
MTPCC	23309 B	00M51	N	.93	4	3.72	1017
MTPCC	24402 A	00M67	N	.73	5	3.65	7266
MTPCC	27919 A	00M55	N	.45	8	3.60	3187
MTPCC	27919 A	00M80	N	.45	8	3.60	3187
MTPCC	24402 A	00M66	N	.71	5	3.55	7265
MTPCC	49862 A	00M05	N	3.50	1	3.50	1350
MTPCC	24402 B	00M79	N	.38	9	3.42	7278
MTPCC	24402 A	00M75	N	.68	5	3.40	7267
MTPCC	25743 B	00M69	N	.25	13	3.25	1022
MTPCC	27915 A	00M60	N	.57	5	2.85	1301
MTPCC	23302 A	00M52	N	.93	3	2.79	6322
MTPCC	27915 A	00M25	N	.55	5	2.75	1290
MTPCC	27915 A	00M50	N	.55	5	2.75	1290
MTPCC	23309 B	CBM50	N	.68	4	2.72	1017
MTPCC	27915 A	00M35	N	.54	5	2.70	1301
MTPCC	27915 A	00M40	N	.53	5	2.65	1290
MTPCC	24402 A	00M73	N	.50	5	2.50	7267
MTPCC	27915 A	00M65	N	.50	5	2.50	1301
MTPCC	27915 A	00M75	N	.50	5	2.50	1315
MTPCC	27915 A	00M45	N	.48	5	2.40	1315
MTPCC	27915 A	00M30	N	.47	5	2.35	1290
MTPCC	23305 A	00M69	N	.25	9	2.25	1015
MTPCC	27915 A	00M55	N	.45	5	2.25	1290
MTPCC	24101 B	00M69	N	.19	11	2.09	1332
MTPCC	23305 B	00M51	N	2.06	1	2.06	2051
MTPCC	23305 B	00M54	N	1.59	1	1.59	1015
MTPCC	23309 B	00M69	N	.25	4	1.00	1017
MTPCC	23305 B	00M53	N	.90	1	.90	1015
MTPCC	23305 B	CBM51	N	.77	1	.77	1015
MTPCC	30041 A	00M05	N	.03	14	.42	0211
MTPCC	23305 B	00M69	N	.34	1	.34	1015
MTPCC	23305 B	00M52	N	.27	1	.27	1015
MTPCC	27918 B	00M22	N	.25	1	.25	3239

PROJECTED ANNUAL EARNED HOURS — RCC SEQUENCE AS OF 10/17/88

RCC	C/NR	J/D	OPER NR	TYPE/STD	STD HRS	PROJ UNITS	ANNUAL DPSH	DATE REVWD
MTPCC	23305	S	CCM50	N	22	1	.22	1015
MTPCC	27918	B	00M80	N	.05	1	.05	3176
MTPCC	27918	B	00M75	N	03	1	.03	3176
MTPCC	27918	B	00M15	N	03	1	.03	3176
MTPCC	27918	B	00M40	N	03	1	.03	3176
MTPCC	27918	B	00M50	N	03	1	.03	3176
MTPCC	27918	B	00M60	N	03	1	.03	3176
MTPCC	27918	B	00M65	N	.03	1	.03	3176
MTPCC	27918	B	00M70	N	.03	1	.03	8182
MTPCC	27918	B	00M75	N	03	1	.03	3176
MTPCC	27918	B	00M30	N	02	1	02	3211
MTPCC	27918	B	00M45	N	02	1	02	3176
MTPCC	27918	B	00M55	N	02	1	.02	3176
					MTPCC TOTAL		79,991.27	

E = 27,251.12

PERSONAL DATA - PRIVACY ACT OF 1974 (PL93-579) FOR OFFICIAL USE ONLY

ACFCM (2) MATPCC (2) RCC TOTAL LABOR ASSIGNMENT REPORT DATE 10-30-88 A-G037G-G61-D2-MG6 PG 563

RCC: MATPCC FOREMAN CODE: C4

<----------CURRENT ASSIGNMENT---------->							<----------LOAN STATUS INFORMATION---------->									
EMPLOYEE NAME	IDENT	MC	DC	SK	DO	SH	SP	STATUS	RCC	DC	SK	DO	FC	SH	SP	EFF DATE	TERM DATE	J-O-N
ARNOLD LEONARD M	447221774	C	11	CT	1	1												
CHRONISTER EVERET	448644569	C	11	CT	1	1		LOANED TO	MATPAA	11	OP	1	A3	1		88292	88366	
DUVALL BETTY L	444285497	C	11	CT	1	1		LOANED TO	MATPAA	11	EP	1	A4	1		88292	88366	
GREEN JAN E	442562168	C	11	CT	1	1												
LOGAN EWELL C	405147187	C	11	CT	1	1												
LYLE KATHY	440585528	C	11	CT	1	1		LOANED TO	MATPAA	11	EP	1	A4	1		88292	88366	
MCCREIGHT W K	442363871	C	11	CT	1	1												
MORGAN JO ANNE	447504496	C	11	CT	1	1												
MORROW MARVIN	441240718	C	11	CT	1	1												
PHILLIPS DAVID M	443582819	C	11	CT	1	1												
SMITH CHRISTIE	445768929	C	11	CT	1	1												
TAMMY L HASSELL	443628908	C	11	CT	1	1		LOANED TO	MATPAA	11	EP	1	A4	1		88292	88366	
WESLEY ABIGAIL	440501448	C	11	CT	1	1												
WEST THOMAS J	444468384	C	11	CT	1	1												
WHEELER PALMER	444328293	C	11	CT	1	1												

DUTY CODE TOTALS: PERSONNEL ASSIGNED 15
PERSONNEL BORROWED 0
PERSONNEL LOANED 4
NET STRENGTH 11

F/C TOTAL: NET STRENGTH 11

PERSONAL DATA - PRIVACY ACT OF 1974 (PL93-579) FOR OFFICIAL USE ONLY

ACFCM (2) MATPCC (2) RCC TOTAL LABOR ASSIGNMENT REPORT DATE 10-30-88 A-G037G-G61-D2-MG6 PG 562

RCC: MATPCC FOREMAN CODE: C3

EMPLOYEE NAME	IDENT	MC	DC	SK	DO	SH	SP	STATUS	RCC	DC	SK	DO	FC	SH	SP	EFF DATE	TERM DATE	J-O-N
SIGMAN JIMMY	448702531	C	11	AY	1	1												
SYNUM TERRY J	443508041	C	11	BY	1	1												
CLEMENTS THOMAS E	446548704	C	11	BY	1	1		LOANED TO	MATPIP	11	BU	1	P3	1		88292	88322	
FOSTER LENNIE	443600047	C	11	BY	1	1												
FRANKS CHARLES L	441468420	C	11	BY	1	1												
GARLAND KENNETH W	446667417	C	11	BY	1	1												
HAWKINS PAMELA	440444713	C	11	BY	1	1												
HENSCH MARILYN A	443542313	C	11	BY	1	1												
MCKEE PERRALYNE I	457921470	C	11	BY	1	1												
MOORE CHARLES E	453567291	C	11	BY	1	1												
MOORER TERRY H	442588250	C	11	BY	1	1												
MOULIN GAY C	444440273	C	11	BY	1	1												
NUNN VICKI L	446601888	C	11	BY	1	1												
SHAFER MAX D	442365324	C	11	BY	1	1												
TALLEY BOBBY G	448380944	C	11	BY	1	1												
WIETELMAN DORTHY	447443324	C	11	BY	1	1												
WINEINGER MARY F	460381512	C	11	BY	1	1												

DUTY CODE TOTALS: PERSONNEL ASSIGNED 17
PERSONNEL BORROWED 0
PERSONNEL LOANED 1
NET STRENGTH 16

COLLINS FLOYD H	444701877	C	14	BY	1	1												

DUTY CODE TOTALS: PERSONNEL ASSIGNED 1
PERSONNEL BORROWED 0
PERSONNEL LOANED 0
NET STRENGTH 1

F/C TOTAL: NET STRENGTH 17

PERSONAL DATA - PRIVACY ACT OF 1974 (PL93-579) FOR OFFICIAL USE ONLY

ACFCM (2) MATPCC (2) RCC TOTAL LABOR ASSIGNMENT REPORT DATE 10-30-88 A-G037G-G61-D2-MG6 PG 561

RCC: MATPCC FOREMAN CODE: C2

<----------CURRENT ASSIGNMENT----------> <----------LOAN STATUS INFORMATION----------

EMPLOYEE NAME	IDENT	MO	DC	SK	DO	SH	SP	STATUS	RCC	DC	SK	DO	FC	SH	SP	EFF DATE	TERM DATE	J-O-N
COLBERT BONNIE H	448347042	C	11	AY	1	1												
FRIEND LINZY W	447444391	C	11	AY	1	1												
GARRIOTT CURTIS	447524453	C	11	AY	1	1												
GENZER NORMA J	440380644	C	11	AY	1	1												
HARRIS VICKI J	444682373	C	11	AY	1	1												
HUTSON DON	442445767	C	11	AY	1	1												
ISAAC KENNETH D	440369833	C	11	AY	1	1												
KONOPINSKI SHERRY	455807377	C	11	AY	1	1												
LOGAN SUSAN D	444629396	C	11	AY	1	1												
MATHEWS, BRUCE	442607857	C	11	AY	1	1												
MEANS WILLIAM B	447268431	C	11	AY	1	1												
MONROE GWINDA F	440588169	C	11	AY	1	1												
SIGMAN SUE A	448606601	C	11	AY	1	1												
SKINNER ROBERT G	448464455	C	11	AY	1	1												
START CHARLOTTE A	441426834	C	11	AY	1	1												
HOLDERMAN TERRY	447581005	C	11	BY	1	1												

DUTY CODE TOTALS: PERSONNEL ASSIGNED 16
PERSONNEL BORROWED 0
PERSONNEL LOANED 0
NET STRENGTH 16

F/C TOTAL NET STRENGTH 16

13.0

APPENDIX C

ENGINEERING NOTES: POTENTIAL IMPROVEMENT OPPORTUNITIES

PIO #	ENGINEERING NOTES DATE	RCC
CC#4 DANT	SPF. NS PA 532440-1 NSN 5360003792469 wrong size spring causes damage to gear & gear shaft $180.00	MATPC
CC#5	5-15-89 PCN 30033A PN54552 routed from CSD chief & PCN 34107A PN54552 from supply require a thermo test in oil. The operator places the switch in oil at 275° to 300° then waits 35 to 45 minutes until switch turns on between 330° to 350°. The heater is turned off and again the operator waits 10 to 15 minutes until the switch turns off must by 300. If there is a doubt on either limit the switch is again run through the cycle. On a good day the operator can test 9 cables. On a bad one only three or four. The equipment P92418 was made here. It contains 6 qts of oil that must be heated & allowed to cool. It also uses pannel light to signal on & off. Suggested improvements: 1) reduce size of oil container to 1 qt or less. 2) attach "on" light to buzzer 3) develop equipment so that multipal cables could be tested during cycle. Savings: reducing waiting is reduced by ½ = .4 hrs/unit or 87 hrs/year. 30033A - 20/quarter - 80/yr 34107A - 30/ quarter - 120/yr.	

IO #	DATE
	5-1-89 MH

Fuel flow transmitter operators should be - The usually work the same units unless others become hot.

Most operator work one one unit at a time except for problems or a special requirement.

The operator that is to give my information is extremely fast and has trouble I even time it would Take one operator to do same work. Supervisor agreeded.

Torque motor tester out of kilter. Can not start at 0 and get a good reading. It has been checked and is "Good" - Start past zero.

Unit is to be getting (2) new test stands to replace the (5) units now in 3801. The current test stands only test certain units and are ineffecient. The new ones are suppose to be universal and faster.

Fuel Flow 9 ~~10~~
Actuator 9 & 10

PIO #	DATE	ENGINEERING NOTES	RCC
CC #2	5-2-88	Black Out need means of securing Compensator block. operators from fuel flow area have been aware of problem for some time but could not any one to Take action. Recently a loose compensator block caused a big problem. The block more enough so the valve was blocked. The fuel could not be turned off. Checked new from supply 9 of 12 were loose. Problem given back To Vendor. REF - MAC McCREIGHT	CC
CC #3	5-3	Parts removed from system Example of problem caused by bad vendor part. Shop received bad ring magnets (vendor part) they were not magnetized and the unit does not have the equipment to do so. Parts were not purged from stock. as bad ones come in they are put aside and another one ordered. ASK UNIT ABOUT THIS. no longer a problem 5-17-89	CC
CC #4		Springs coming in out of spick - Too strong long	CC

PIO #	DATE	RCC
Info	operator (2) from test come over from 3801. They return units from test. They give each operator's their rejected units and Talk to them about why. they pick up completed units from the Tube - goes back to 3801. Stated it took two because of moving cart through doors need sketch of Areas envolved	MATF
Info	New Mfg effort is coming into MATPCC! estimated - 275,000 hrs over 4 years 55 new people = 68750 HRS/yr = 33 - 40 hr weeks/yr or at 70% 47 people. need direction as to what to do with this new effort. Current MP = 65 people. New effort almost equal to current effort. MATPCC is to move To new area in the fall. Area now occupied by Blades.	
	5-3 Special hand tools are kept in Cabnets. They are unlocked during the day. The operator is to put his Tool Check in Cabnit when he uses the tool	

PIO #	DATE	NOTES	RCC
		Actuator control the flow - Most are removed from Valves in 210. They come to MATPCC on carts. The operator "Rec" there. is process them by attaching WCO and placing on proper shelf. The same Operator "completes" units when they are ready to go back to 210. Some Actuators come from Supply	MATPCC ACTUATOR
	5-8-89	Some actuators are from supply - others routed (as above). Same part has different PCN depending on Routed - Note Example Routed — ILLS.T.R. Valve (94227 — 31522 (94220 — 31512	
(C# 4 (ADDITIONAL)	5-8-89	Vender springs required in slip-clutch type actuators are to long by from 1/32 to 3/16 as shown by "Z". Supervisor thought they had all been RR'd but there was about 12 in parts box. Vender agreed it was to long & it will be a long time before new ones are due. Tried having end cut back to size - but was done badly - lost tempers, wrong shape edge for spring. Prob could shift down to P.C.N.s 95133 49555 95087 95111 97259 95086 95101 95062 95090 - 49864	MATPCC actuators

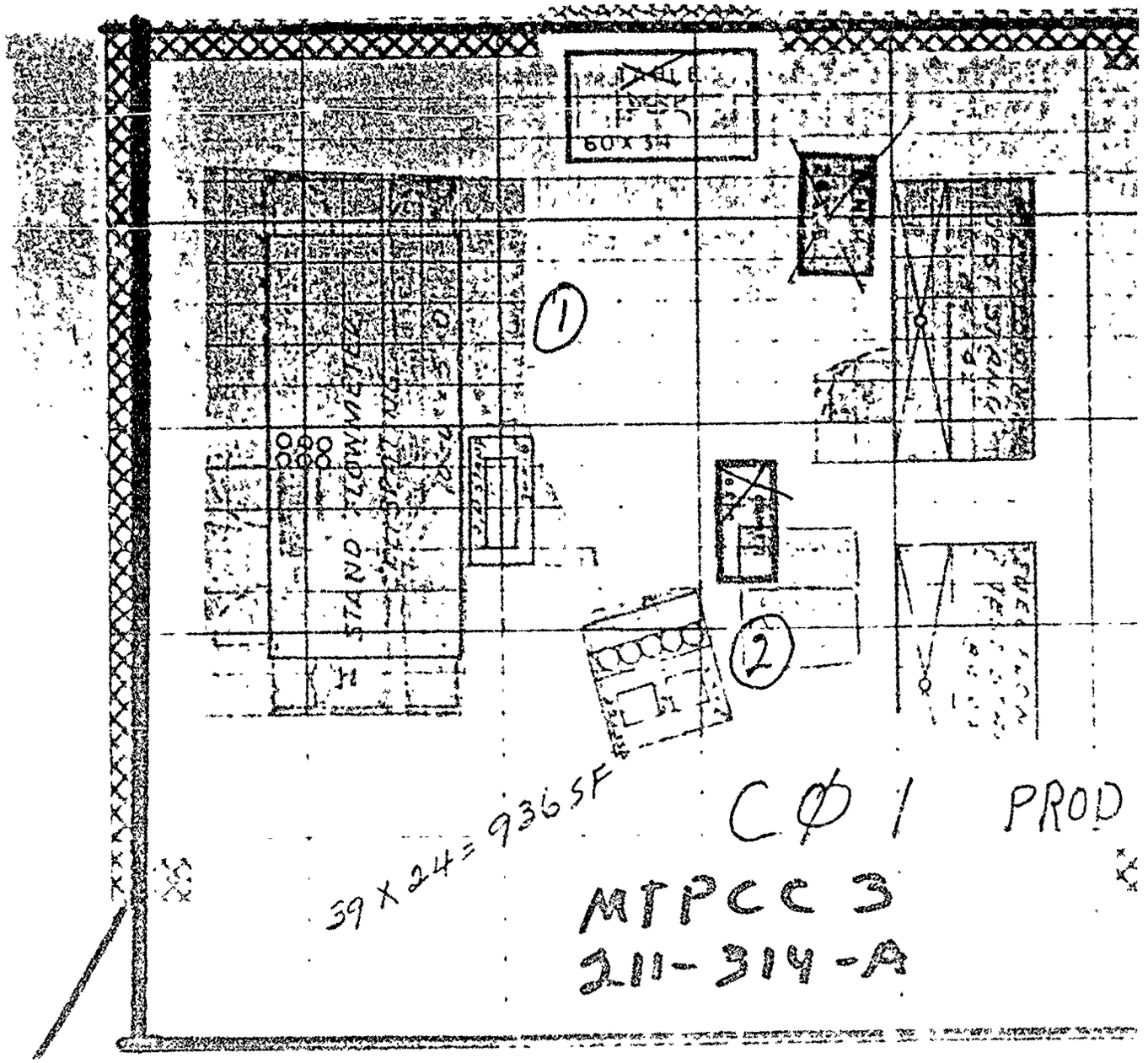
PIO #	DATE	RCC
CC#4 CONT	SPRING PA 532440-1 " NSN 5360003792469 wrong size spring causes damage to gear & gear shaft $180.00 5-9	MATPCC
CC#5	PCN 30033A PN54552 Routed from CSD shop & PCN 34107A PN54552 from supply require a thermo test in oil. The operator places the switch in oil at 275° to 300° then waits 35 to 45 minutes until switch turns on between 330° to 350°. The heater is turned off and again the operator waits 10 to 15 minutes until the switch turns off must by 300°. If there is a doubt on either limit the switch is again run through the cycle. On a good day the operator can test 9 cables. On a bad one only three or four. The equipment P92418 was made here. It contains 6 qts of oil that must be heated & allowed to cool. It also uses pannel light to signal on & off. Suggested improvements: 1) reduce size of oil container to 1 qt or less. 2) attach "on" light to buzzer 3) develop equipment so that multipal cables could be tested during cycle. Savings: reducing waiting is reduced by ½ = .4 hrs/unit or 87 hrs/year. 30033A - 20/quarter - 80/yr 34107A - 30/ " - 120/"	

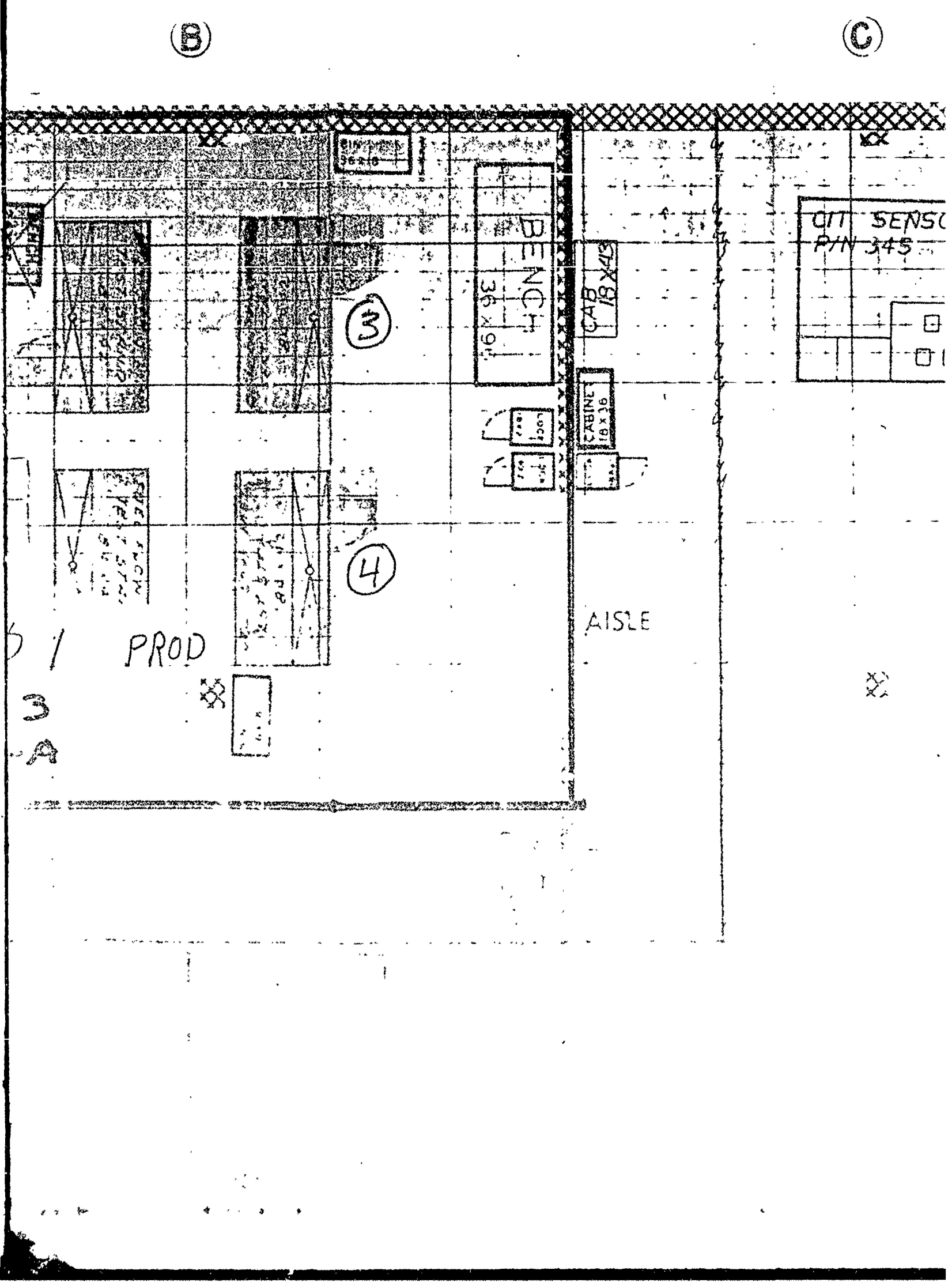
PIO #	DATE	NOTES	RCC
CC6 AF		Motors (defective) removed from some actuators are considered exchange. No repair allowed. The motor has to be removed and ready to turn in before new one can be ordered. This causes flow delay. PCN = 95131A, 95044A, 11985A	MATPCC
CC7 FS	5-10	test equip is old, out dated, specific OC 4863 leak oil - no replacement parts are available. PCN 34549A - sched and WCD deleted - may be obsolete - check	
CC8 FS	5-11	PARTS Parts are ordered by operator filling out form for each part. They are picked up, Turned in to MIC, Parts are pulled then delivered to operator. (actuator area) when full kits were replaced by mini kits parts were included that did not need replacing and parts that were needed were not included. OPERATORS must fill out a card for each part required. cards turned in, parts pulled, then delivered to operator.	
		PCN 38666A, 38664A - when motor tests bad it must be replaced not repaired yet replacement motor often needs repairing. WCD 19 incorrect. unit has high rejection rate. Tested after assy to	

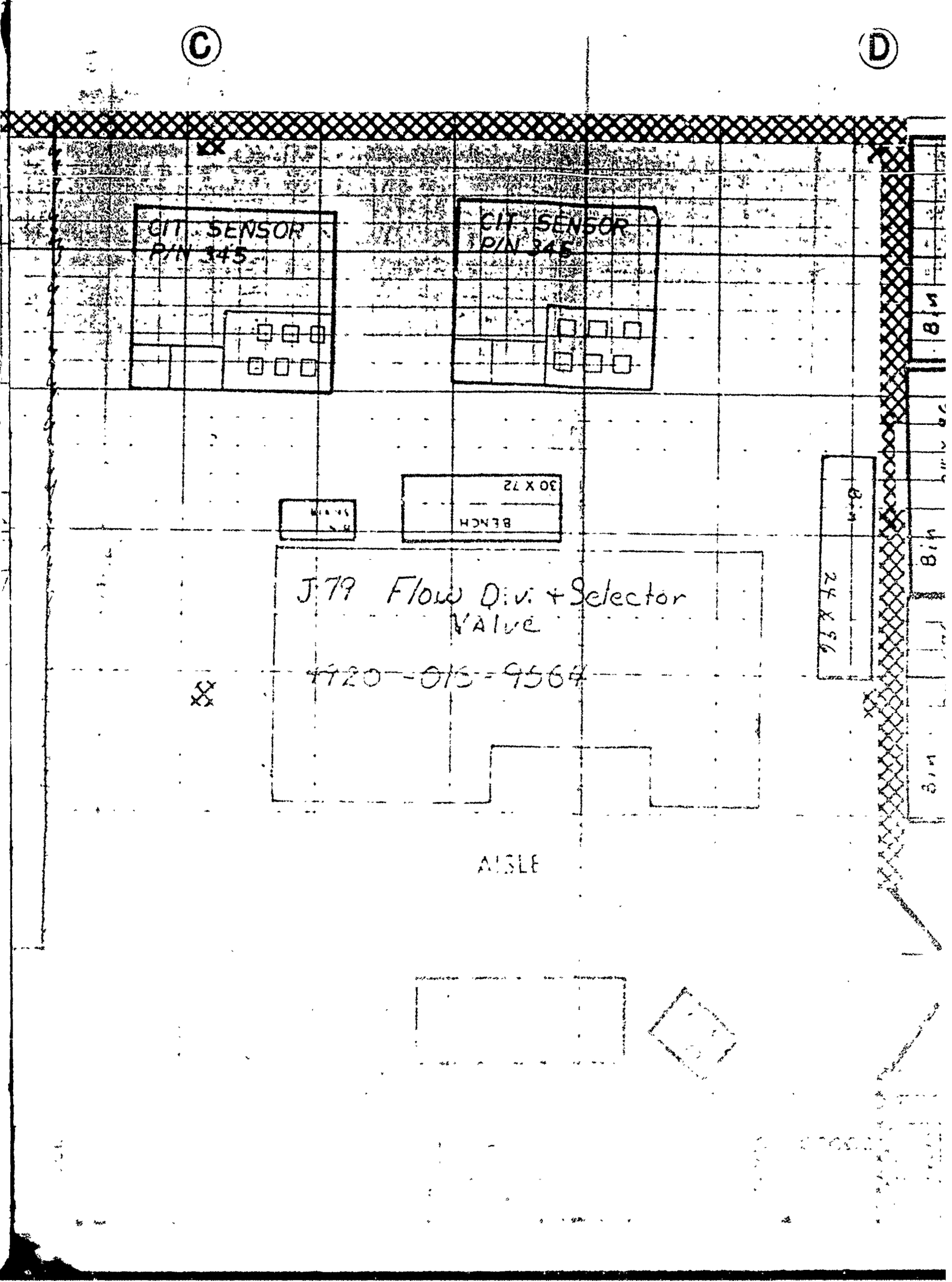
PIO	NOTES	RCC
	5-12 PCN 35096A - Yaw-Damper Servo actuator is damaged by washing the Tail. Operator states that units had to be totally reworked.	
	5-18 MATPCC has a sub-unit - the battery shop - I is located in a seperate building just outside of 3001. It employes four wg-05s. It is their responsibly to charge batteries for all departments of OC-ALC as well as for aircraft from the base. Certain aircraft baterie must be checked & charged at preset intervals others only as required. They also keep some aircraft batteries charged and ready for use by an aircraft pasding through.	
	5-18 The fuel flow transmitters are tested in Bld 3108. I is located just outside of 3001. All fuel related test equipment is located in this building. MatPCC's fire test stands are old and are in the process of being replaced by two new test stands. The operators (two) were knowledgable about the new test stands. They had been	

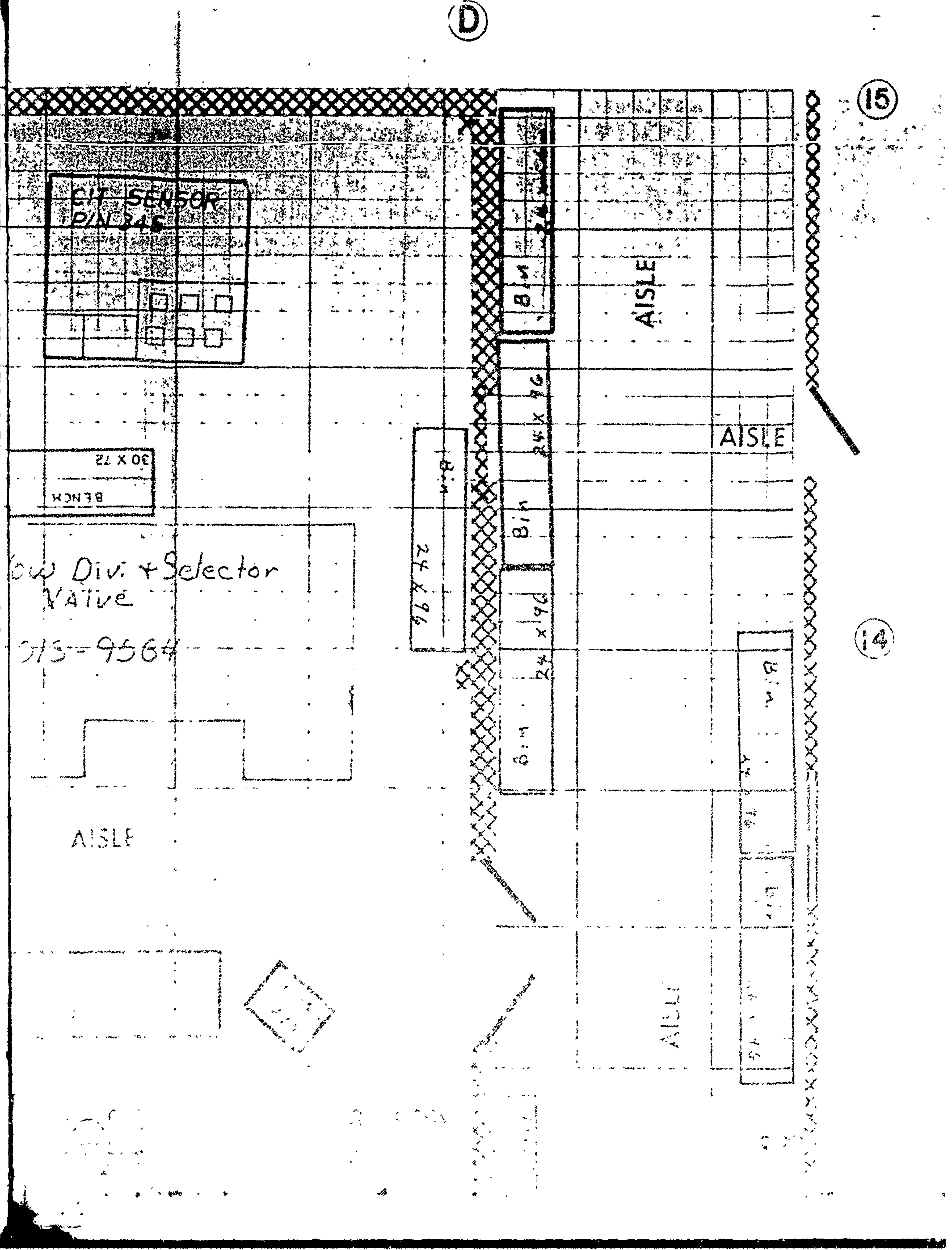
DATE PIO #	PIO SUBJECT & SUPPORTING DATA	RCC
4-26	PROBLEM WITH VENDER PART GEMPLATE ASSY - # 405-025-001 20 to 30% BAD PARTS - LEGS UNEVEN LOST TIME .2 HR	MATPCC MAC McCREIGHT OPERATOR
4-28	JG. FUEL FLOW TRANSMITTER(GOES TO PAINT - NOT CALLED FOR IN WCD	MATPCC
5-1 ↓ 5-6	WEATHER IS COOL YET AIR CONDITION SYSTEM IS RUNNING. CAUSES AN UNCONFORTABLE WORKING CONDITION + EXTRA UTILITY	
5-2	48451 & 45387 ARE REJECTED AFTER TEST ≈ 80% 50% to CALABRATE TEST, 30% to CHANGE MAGNET.	
5-2	OPERATORS TAKE TURNS GOING TO "BARN", UNCRATING, LOADING ON CART, MOVING to CC AREA. AND PLACING ON SHELF. "BARN" IS ABOUT A BLOCK FROM 3001. TASK REQUIRES ABOUT 2 HRS FOR HALF QUARTERS SUPPLY	
5-2 CC # 1	SUGESTION # OC 86 1138 - By Mac McCREIGHT HAS BEEN APPROVED FOR 18 MONTHS YET HAS NOT BEEN IMPLEMENTED. CURRENT METHOD - WORN IMPELERS ARE DISCHARTED & REPLACED W/NEW. COST $400. SUGGESTED METHOD: DRILL & SLEEVE WORN IMPELARS WITH STAINLESS STL COST ? (ON SILVER GULS)	↓

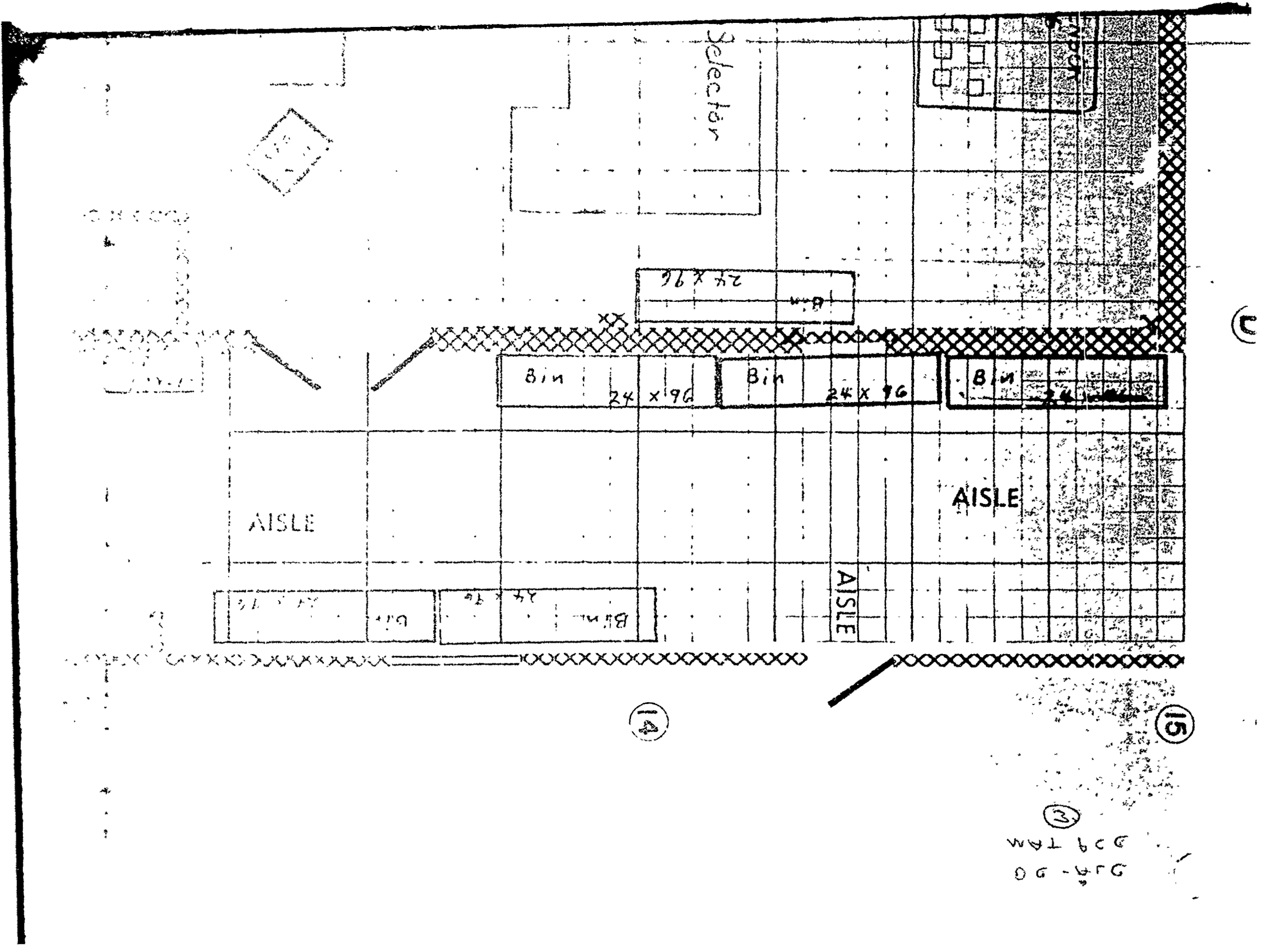
PIO #	DATE	NOTES	RCC
		consulted on what was needed, both for safety and function. One of the operators had 5 years experience as test operator, the other about six months. It has been the practice to rotate the fuel flow operator to fill one of the test operator positions.	


A
B
60'x 3H
STAND FLOW METER
1
2
39 X 24 = 936 SF
CØ 1 PROD
MTPCC 3
211-314-A


(B)
(C)
BENCH
36 x 9
CAB
18 X 43
CABINET
18 x 36
CIT SENSO
P/N 345
(3)
(4)
AISLE
PROD
3
A


C
D
GIT SENSOR P/N 345
GIT SENSOR P/N 345
30 X 72
BENCH
J 79 Flow Div. + Selector Valve
7120-015-9567
24 X 54
Bin
Bin
Bin
AISLE


D
15
14
CIT SENSOR
AISLE
AISLE
BENCH
30 X 72
Bin
24 x 96
Bin
24 x 96
Bin
AISLE
AISLE


Selector
Bin
24 x 96
Bin
24 x 96
Bin
AISLE
AISLE
AISLE
15

PRODUCTION 9 3 6 5F MTPCC

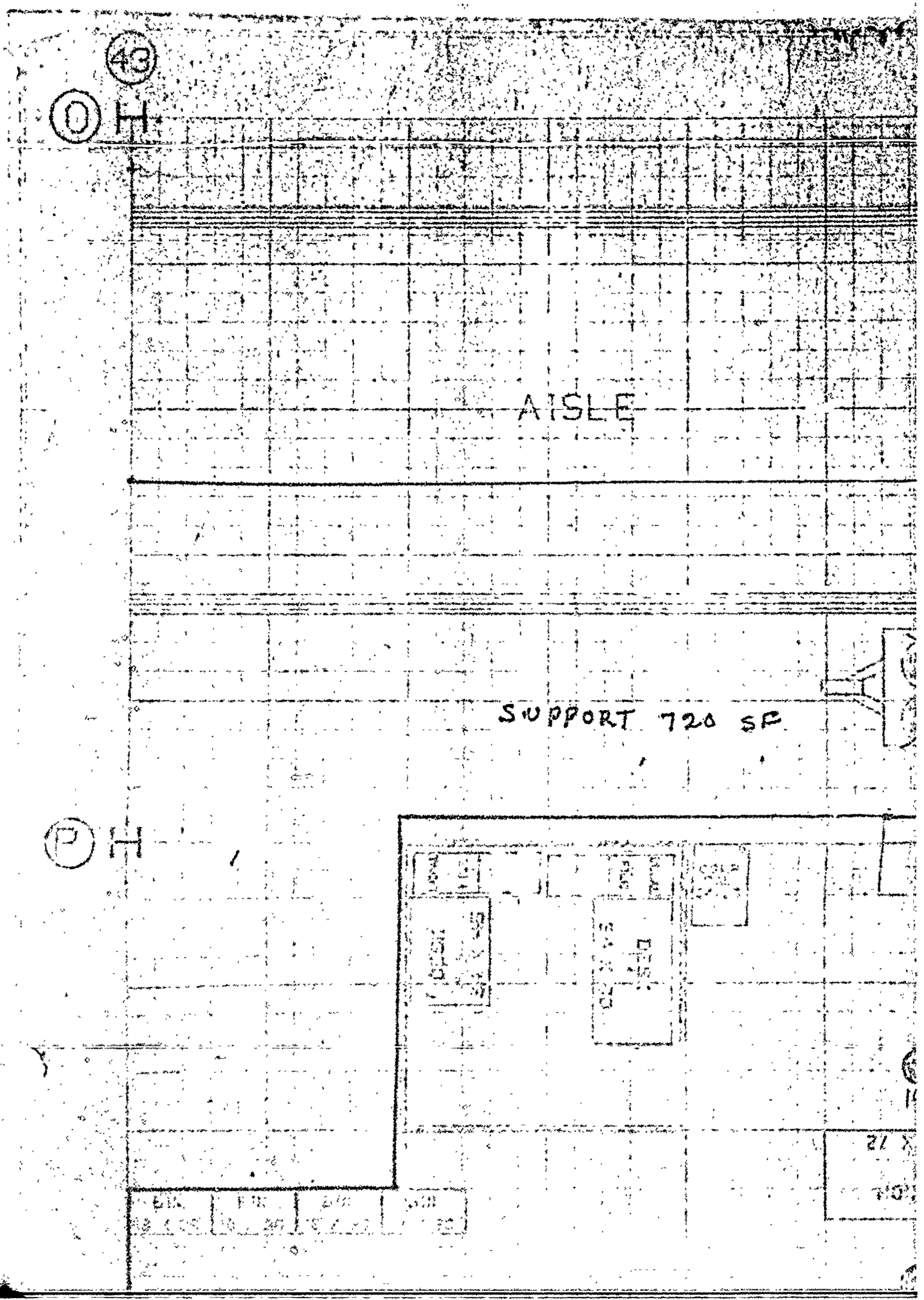
[redacted]

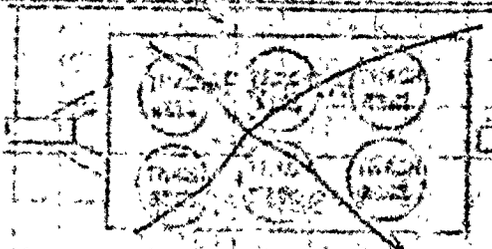
15 Aug 1986 M.E.H.

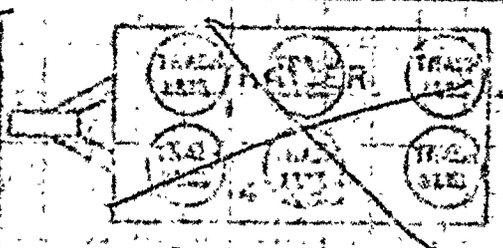
~~1 JUN 1984~~

~~13 SEP 1985~~ abb

7 - TINKER AFB BLDG 3108


43
O
H
AISLE
SUPPORT 720 SF
P
H





BENCH
36 X 96

BENCH
36 X 96

PRODUCTION
2,280 SF

106

107

RELIEF VALVE

BENCH
36 X 72

BENCH
36 X 72

ICE BOX
28 X 44

STEAM JACKETED KET.
HOT WATER SYS
22 X 71

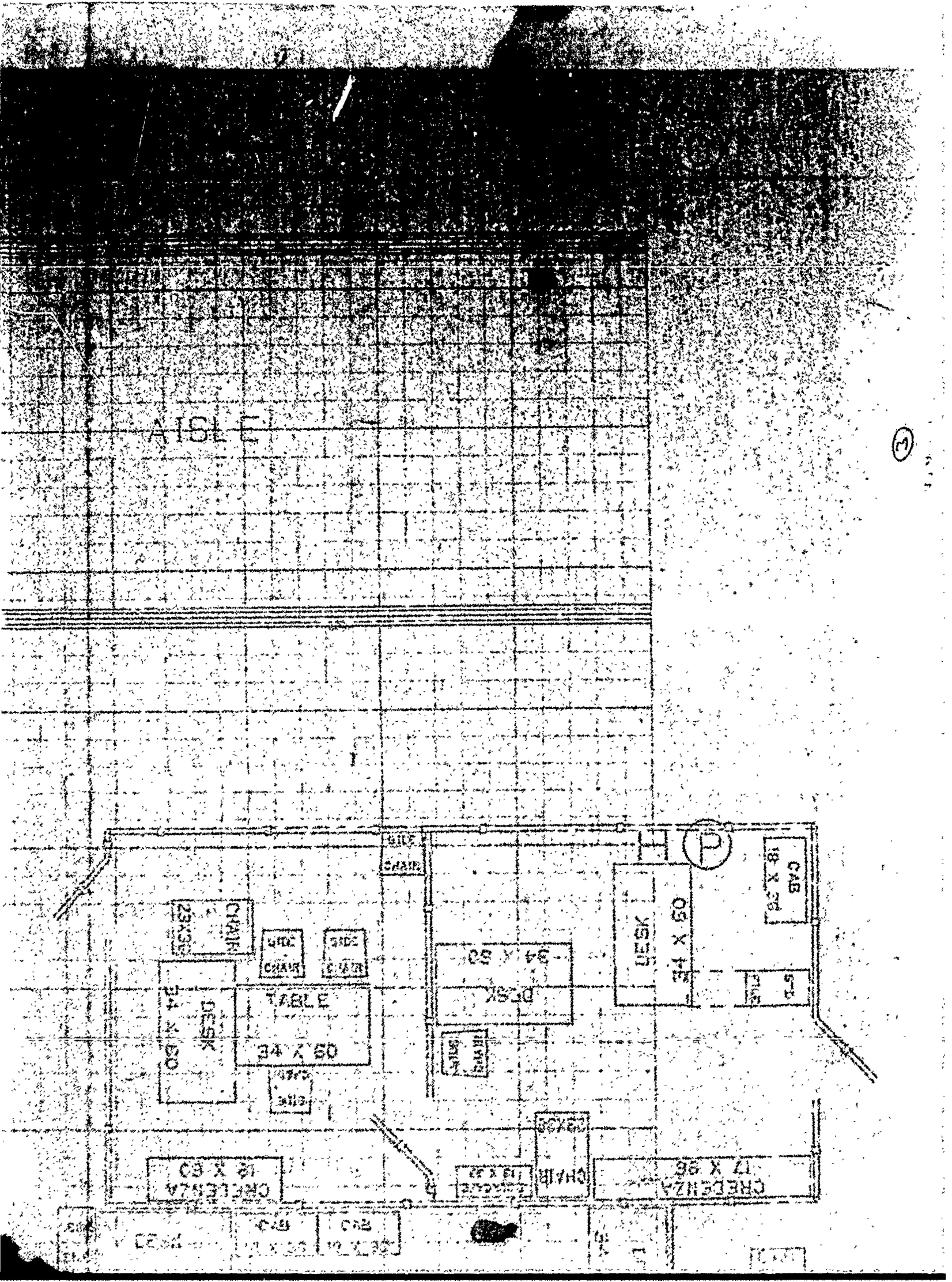
36 X 72
BENCH

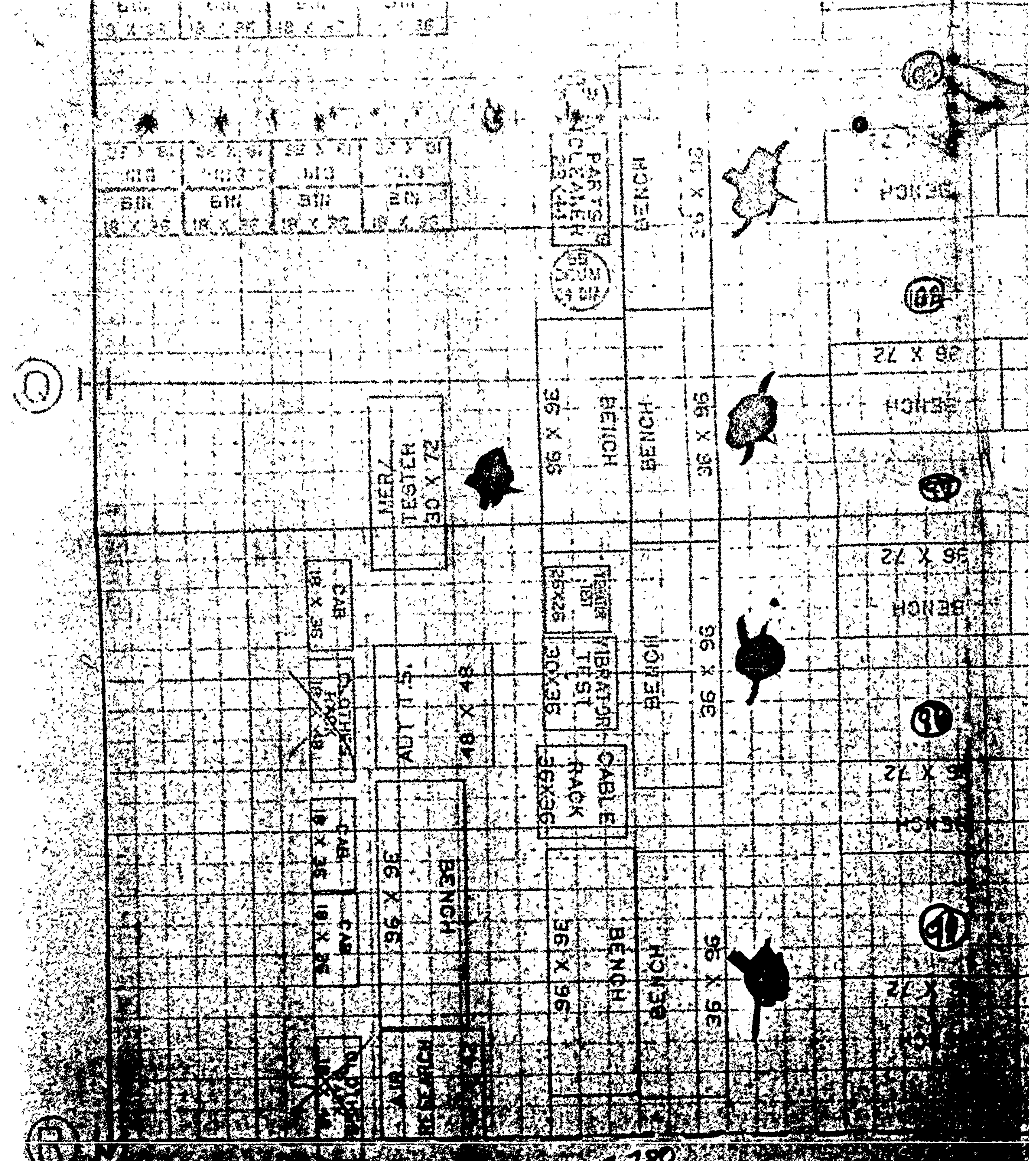
LUBE AND
GREASE
PUMP

BENCH
26 X 96

BENCH
36 X 72

BENCH
36 X 60


AISLE
SIDE CHAIR
SIDE CHAIR
SIDE CHAIR
SIDE CHAIR
CHAIR
DESK 34 X 60
TABLE 34 X 60
DESK 34 X 60
DESK 34 X 60
CHAIR
CREDENZA 17 X 66
CHAIR
CREDENZA 18 X 60
CAB 18 X 18
CAB
CAB
CAB



PRODUCTION [redacted] 2280 SF
SUPPORT [redacted] 720 SF

106 TINKER AFB BLDG.3001

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

BENCH 36 X 72

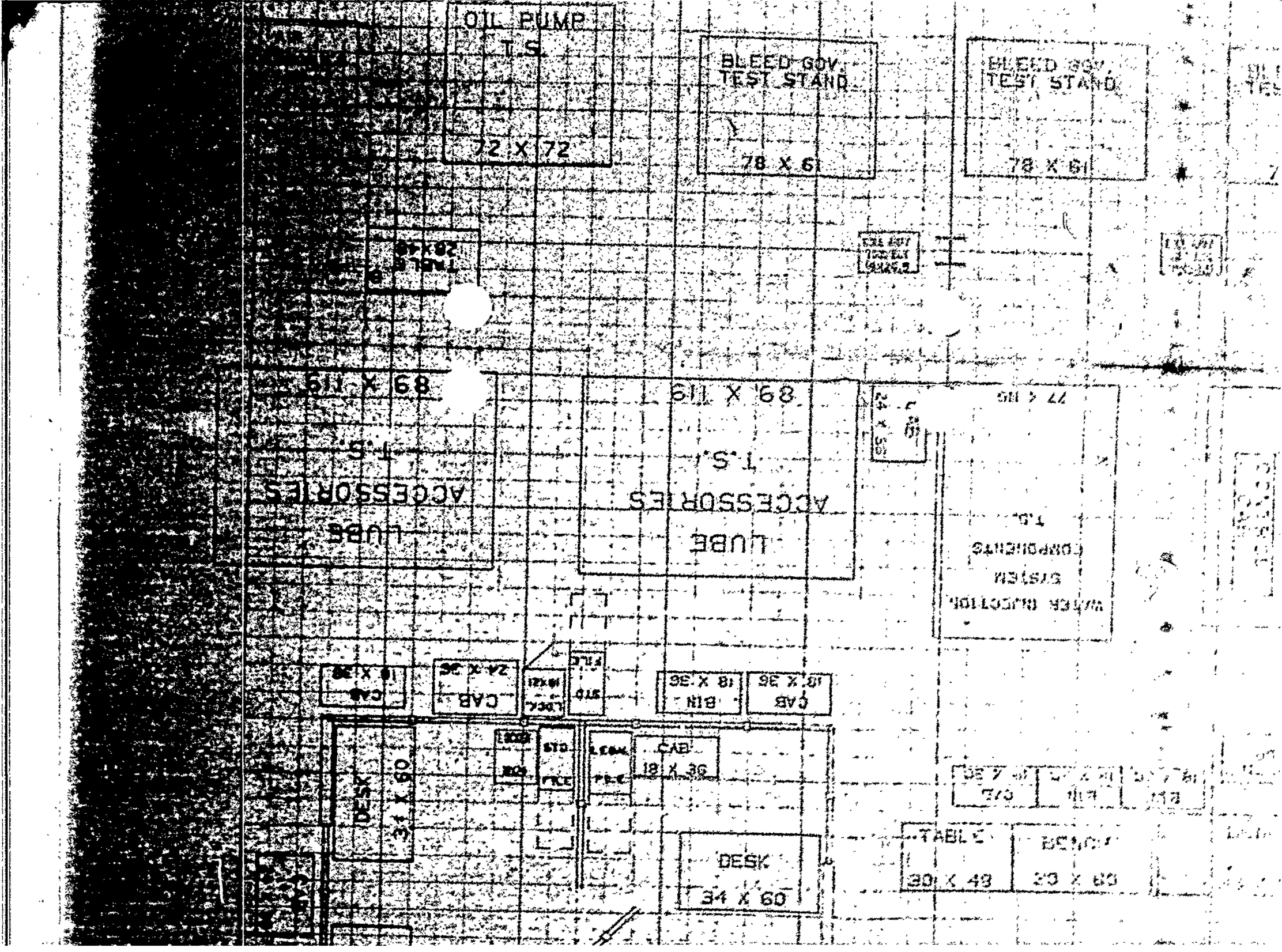
BENCH 36 X 72

BLEED GOV. TEST STAND 78 X 61

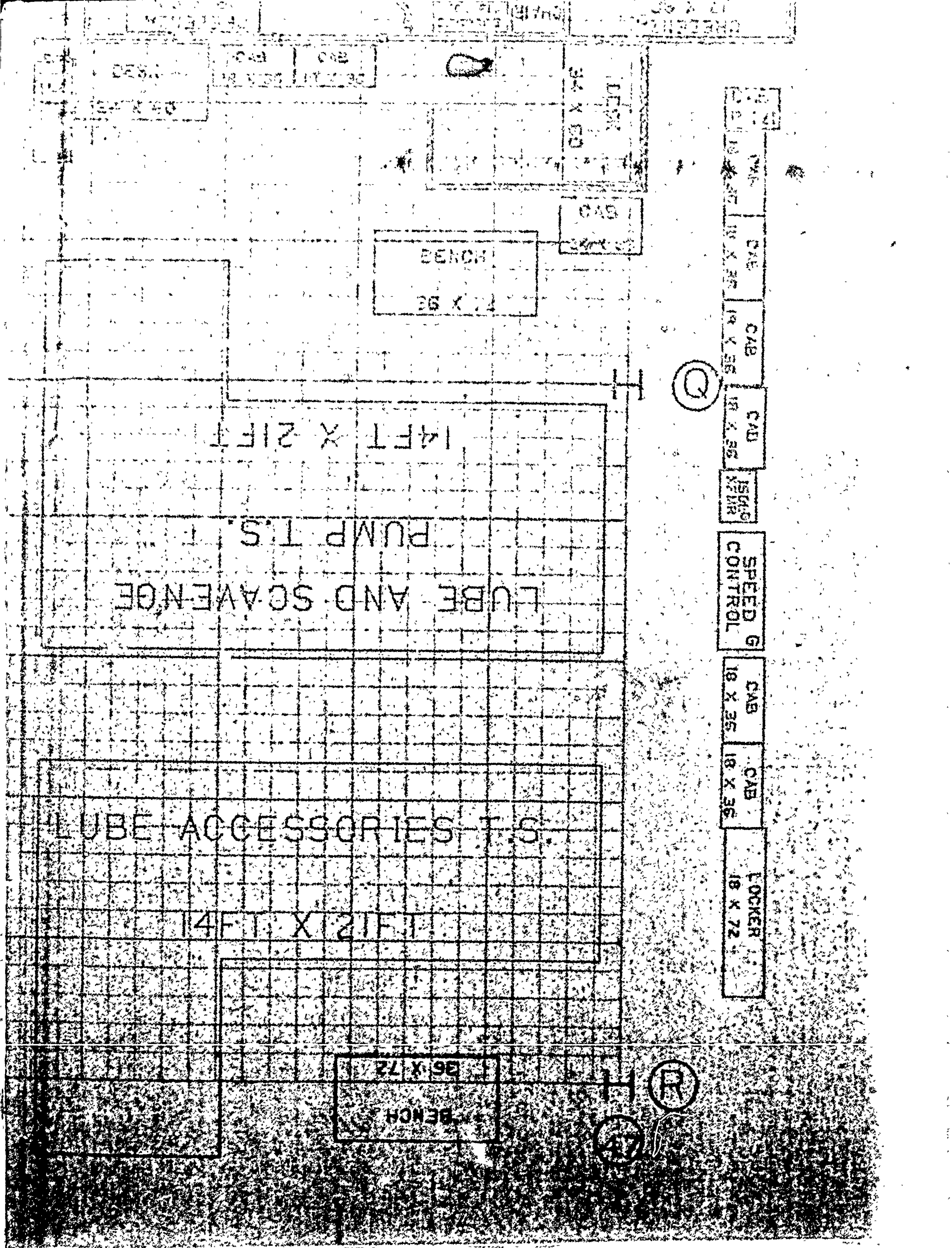
BLEED GOV. TEST STAND 78 X 61

CAB 24 X 36

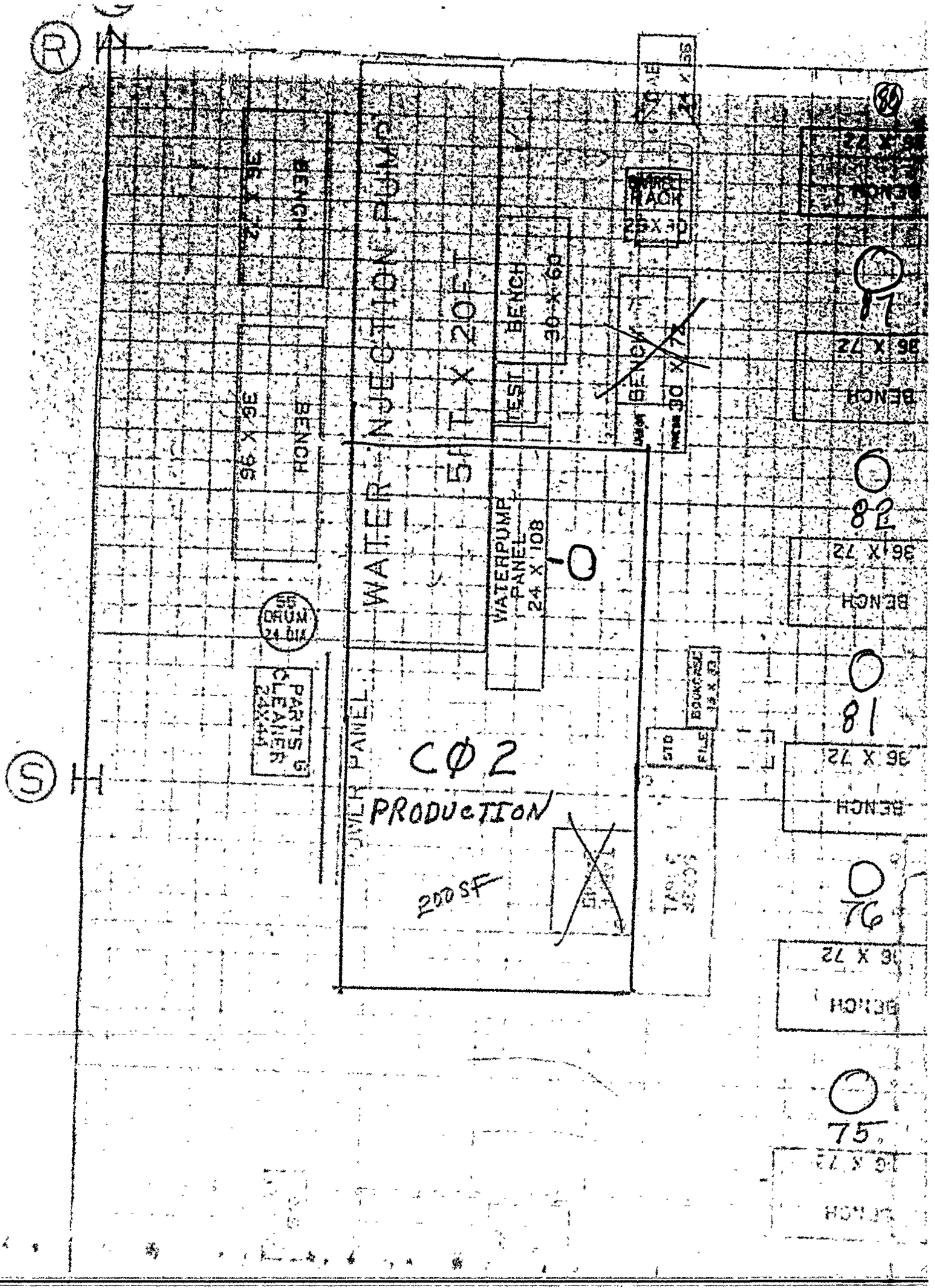
OIL PUMP T.S. 72 X 72

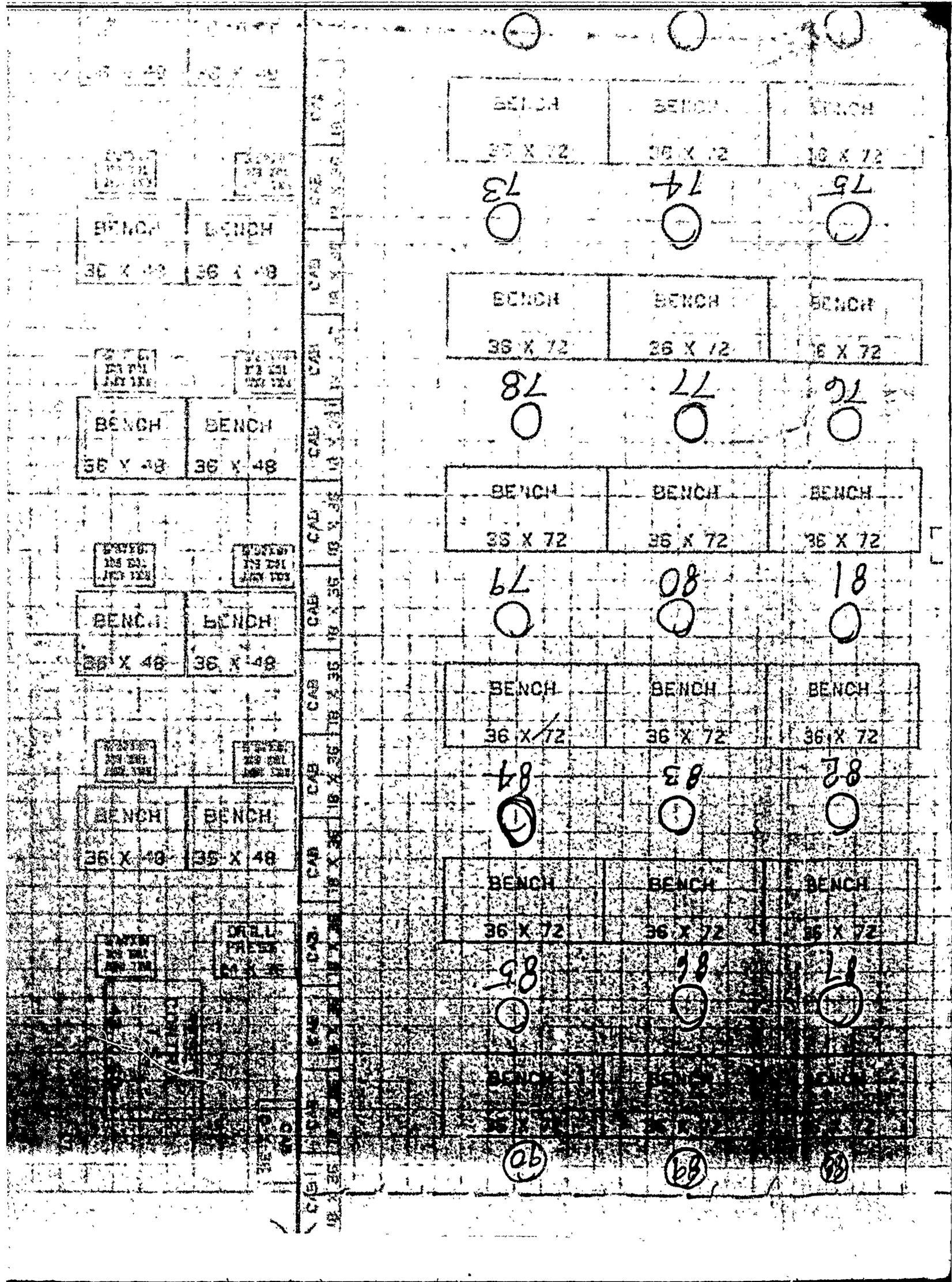

OIL PUMP
T.S.
72 X 72
BLEED GOV.
TEST STAND
78 X 61
BLEED GOV.
TEST STAND
78 X 61
89 X 119
T.S.
ACCESSORIES
LUBE
89 X 119
T.S.
ACCESSORIES
LUBE
CAB
18 X 36
BIN
18 X 36
CAB
24 X 36
CAB
18 X 36
DESK
34 X 60
DESK
34 X 60
TABLE
30 X 48

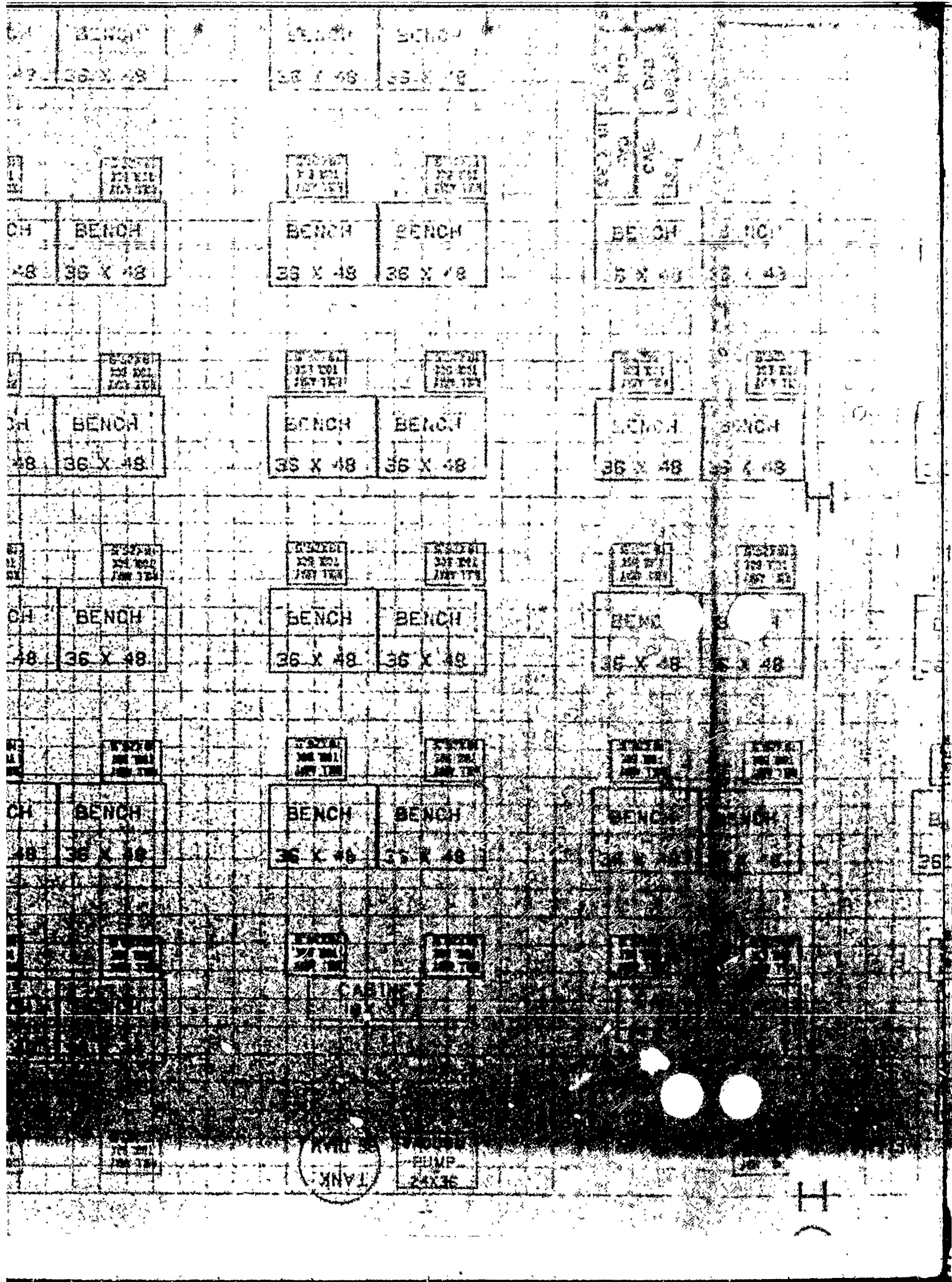
BENCH
27 X 36
BENCH
27 X 36
CAB
18 X 36
TABLE
30 X 60
20 X 48
B/C
36 X 18
CAB
18 X 36
BIN
18 X 36
DESK
34 X 60
CREDENZA
22 X 40
CABINET
18X X72
CAB
18 X 36
CREDENZA
18 X 36
CAB
18 X 36
CAB
24 X 36
DESK
34 X 60
DESK
34 X 60
CABINET
18X X72
SCAVENGE
LUBE ACCESS
14FT X

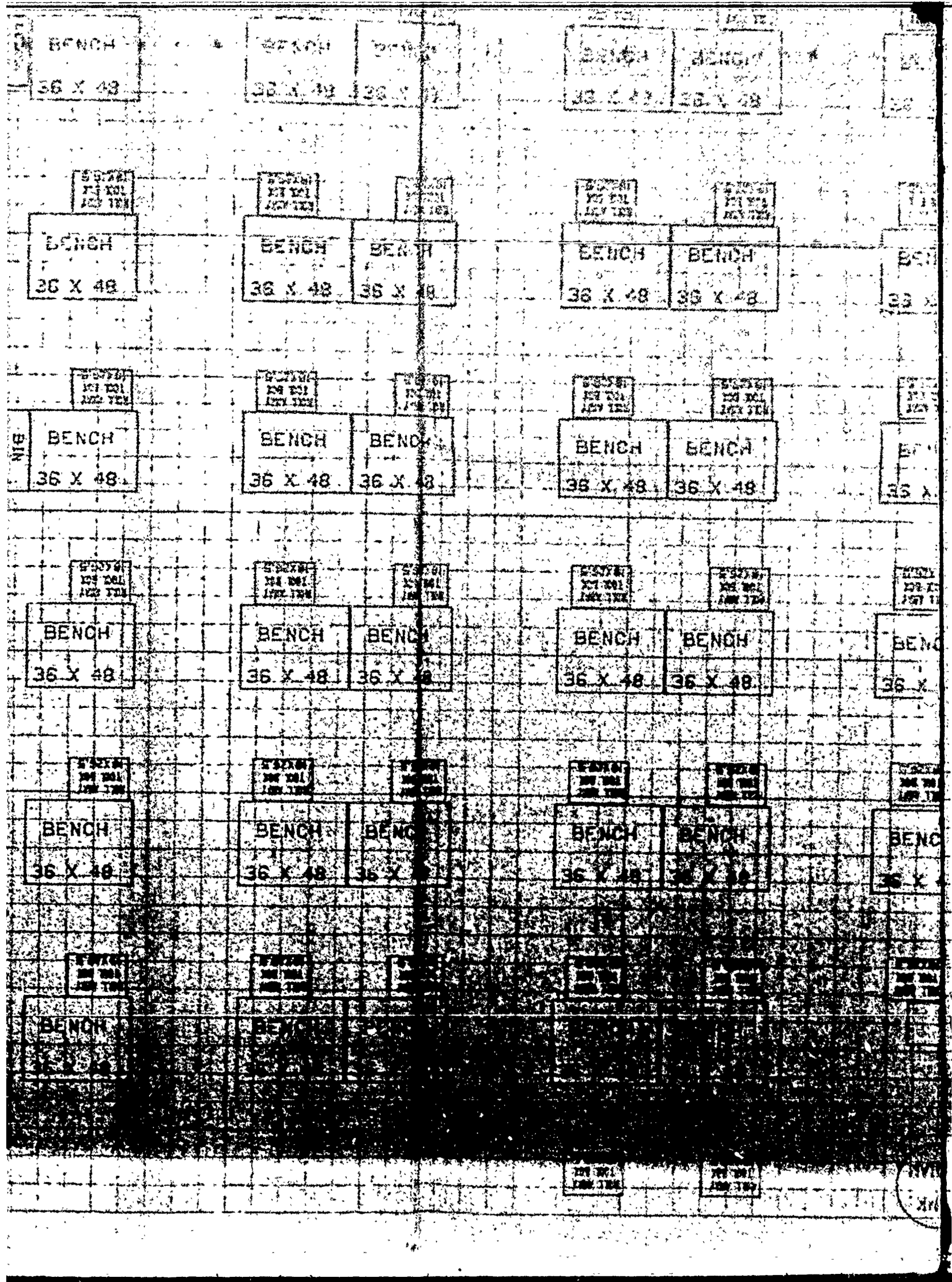


DESK
CAB
BENCH
36 X
CAB 18 X 36
CAB 18 X 36
Q
14FT X 21FT
LUBE AND SCAVENGE PUMP T.S.
SPEED CONTROL G
CAB 18 X 36
CAB 18 X 36
LUBE ACCESSORIES T.S.
14FT X 21FT
LOCKER 18 X 72
36 X 72
BENCH
H
R
47


N
S
BENCH
36 X 72
BENCH
36 X 96
BENCH
36 X 96
WATER INJECTION PUMP
5 HP
20 FT
WATERPUMP TEST BENCH
30 X 60
WATERPUMP PANEL
24 X 108
55 GAL DRUM
PARTS CLEANER
24 X 44
C02
PRODUCTION
200 SF
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
82
81
76
75


BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
73
74
75
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
76
77
78
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
79
80
81
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
82
83
84
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
85
86
87
BENCH
36 X 72
BENCH
36 X 72
BENCH
36 X 72
90
88
89
BENCH
36 X 48
BENCH
36 X 48
CAB
BENCH
36 X 48
BENCH
36 X 48
CAB
BENCH
36 X 48
BENCH
36 X 48
CAB
BENCH
36 X 48
BENCH
36 X 48
CAB
DRILL PRESS
CAB


BENCH
36 X 48
CABINE
TANK
PUMP
24X36


BENCH
36 X 48

6FT X 16FT
VACUUM PUMP
LOCKER
LOCKER
LOCKER
18 X 36
18 X 36
18 X 36
CAB
CAB
CAB
BENCH
36 X 48
PRESET
STATION
72 X 49
TEMPERATURE
SIMULATOR

C01 70-90
C02 1-3

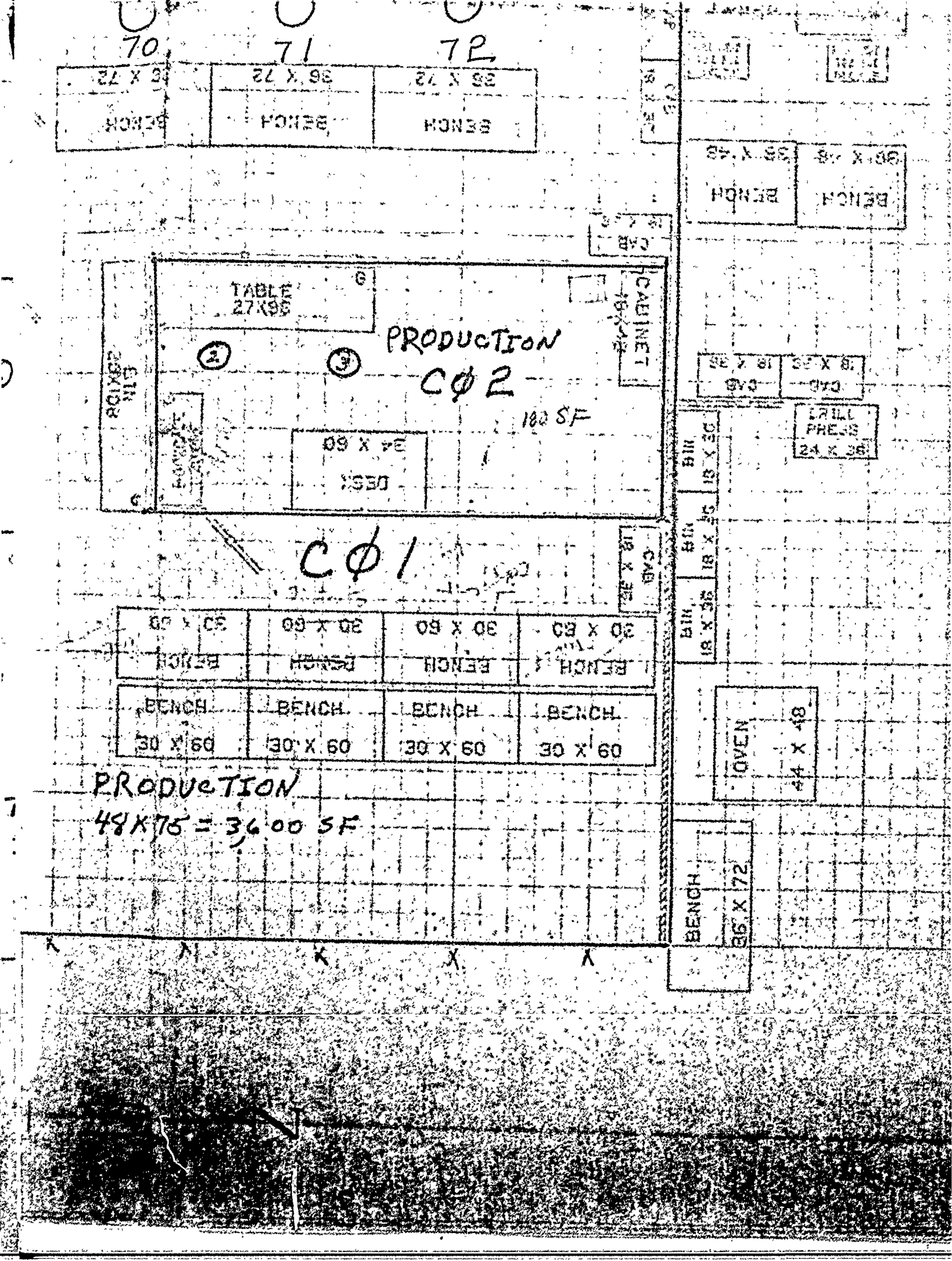
PRODUCTION 3400 SF
1380 SF C02
3220 SF C01

8-15-SL Inc. 2, H,

107 TINKER AFB BLDG 3001

4 AUG 87

21 Sep 88 Debbie Zumwalt


70
71
72
BENCH
36 X 72
TABLE
27 X 96
PRODUCTION
C Ø 2
180 SF
CABINET
18 X 36
BOXES
DESK
30 X 60
C Ø 1
BENCH
30 X 60
BENCH
30 X 60
BENCH
30 X 60
BENCH
30 X 60
PRODUCTION
48 X 75 = 3600 SF
BIN
18 X 36
BIN
18 X 36
BIN
18 X 36
DRILL
PRESS
24 X 36
OVEN
44 X 48
BENCH
36 X 72

BENCH
36 X 72

MACHINE LAB
24X30

TABLE
36 X 96

DRILL PRESS
24 X 36

BENCH
36 X 72

BENCH
36 X 72

BENCH
36 X 72

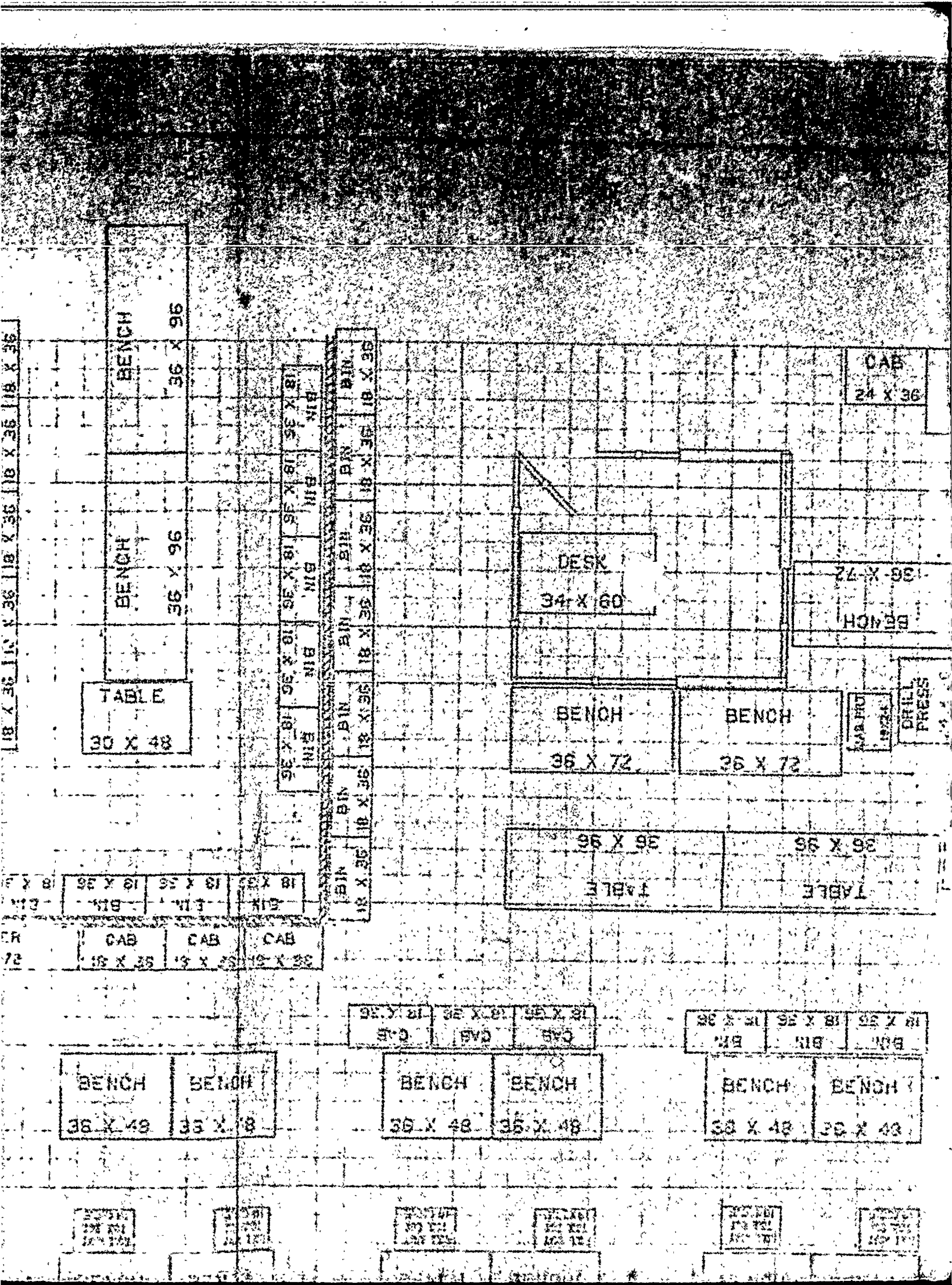
BENCH
36 X 72

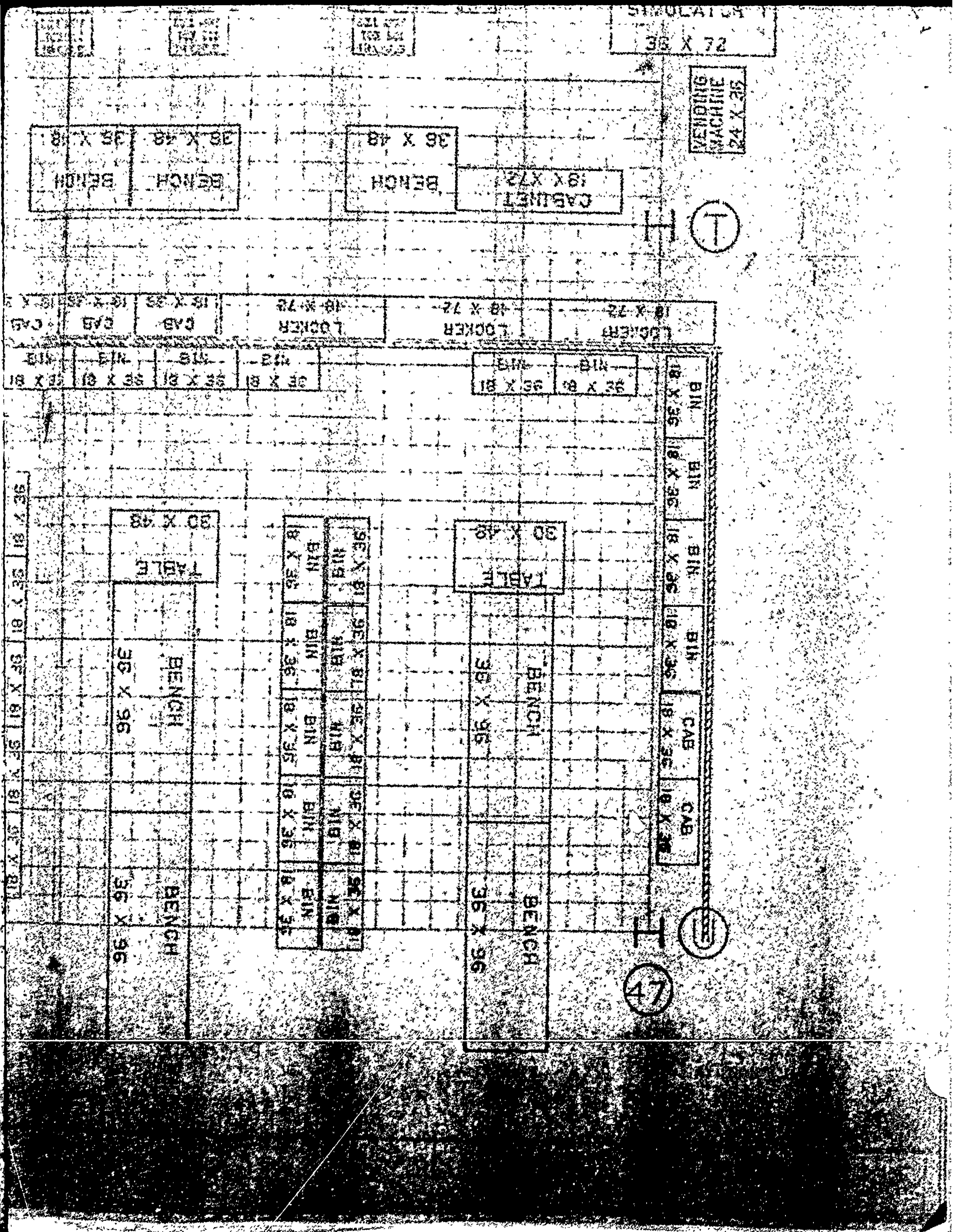
OVEN
44 X 48

BENCH GRINDER 24 X 30

CAB

45


BENCH
36 X 96
BENCH
36 X 96
TABLE
30 X 48
BIN
18 X 36
DESK
34 X 60
CAB
24 X 36
BENCH
36 X 72
BENCH
36 X 72
DRILL PRESS
TABLE
96 X 36
TABLE
96 X 36
CAB
CAB
CAB
BENCH
36 X 48
BENCH
36 X 48
BENCH
36 X 48
BENCH
36 X 48
BENCH
36 X 48



36 X 72
VENDING MACHINE 24 X 36
BENCH 36 X 48
CABINET 18 X 72
LOCKER 18 X 72
CAB 18 X 36
BIN 18 X 36
TABLE 30 X 48
BENCH 36 X 96
47